



JKSSB Graduate Level Exams **Question Bank**

(2013 - 2019)

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JKSSB Graduate Level 2019 Question Paper

(Exam Held on 30th June, 2019)

Section 1 – General English

1) Fill in the blanks with the correct option:

I _____ pray more often.

- A) ought to
 - B) need
 - C) ought not
 - D) need not to
-

2) Fill in the blank with suitable option given below:

The town I come from is so small that you probably won't find it _____ a map.

- A) in
 - B) at
 - C) on
 - D) with
-

3) Fill in the blank with the suitable option:

He went to the meeting in a casual suit, _____ wasn't a smart thing to do.

- A) who
- B) when
- C) where
- D) which

4) Which word is closest in meaning to the underlined word in the sentence?

In such a needful situation, one should learn to adjure, instead of conjuring excuses."

- A) ignore
 - B) argue
 - C) appeal
 - D) command
-

5) Fill in the blank with the suitable option:

Their _____ likes to live in isolation, and doesn't respond in _____ to unexpected visits.

- A) like, type
 - B) type, like
 - C) kind, kind
 - D) kin, klin
-

6) Change the sentence from reported speech to direct speech.

Gautami said that she had received plenty of job offers.

- A) "I received plenty of job offers", said Gautami.
- B) "Gautami said that, She received plenty of job offers." -
- C) "I was receiving plenty of job offers", said Gautami
- D) "I will receive plenty of job offers", said Gautami

7) Fill in the blanks with the correct option:

We cancelled our outing, _____

- A) because it was raining
 - B) if it would have rained
 - C) when it will rain
 - D) as it will be raining
-

8) In what logical order can we arrange the given sentences to get a coherent paragraph?

- A) Desire is the opposite of contentment, feeling of satisfaction.
 - B) To deal with dreams and desire, psychiatrists have identified a dreamer as the owner of "non-rational form of knowledge".
 - C) Like a fortune-teller, the dreamer 'sees' the future and leads his desires.
 - D) Subconscious information is essentially instinctive.
 - E) It involves seeing and nurturing a vision of the future, along with wants and necessities.
- A) ABDEC
 - B) DEABC
 - C) ABEDC
 - D) DCABE
-

9) Which word is the farthest in meaning from the underlined word in the sentence, "He is illiterate, so don't expect miracles out of him just yet."

- A) ignorant
- B) innocent
- C) educated
- D) uncultured

10) Identify the meaning of underlined phrase.

The Lawyer's arguments fell flat on the judge

- A) had no effect
 - B) had great influence
 - C) had a considerable charm
 - D) had the opposite effect
-

11) Fill in the blank with the suitable option:

Using his binoculars, he could spot _____ US cargo ship in the distance.

- A) a
 - B) an
 - C) the
 - D) No article required
-

12) Change the sentence from direct speech to reported speech:

Sunitha said "Why don't you buy land now even when you know it's a good investment!"

- A) Sunita suggested me to never purchase land as it was a bad investment.
- B) Sunita suggested me to purchase land as it was a good investment.
- C) Sunita enquired the reason for my not buying land when I knew it was a good investment.
- D) Sunita was cross at me for not buying land when I knew it is a good investment.

13) Fill in the blank with suitable option given below:

She is _____ her annual vacation, so don't call and disturb her.

A) at

B) for

C) on

D) to

14) Fill in the blank with the suitable option:

Are you counting on him for a lift? He will let you mount his bike when _____

A) kingdom comes

B) donkeys talk

C) pigs fly

D) dogs cry

15) Fill in the blank with the suitable option:

A lot of practice is needed to get such choreography to work, in _____ first place.

A) a

B) an

C) the

D) No article required

16) Fill in the blank with suitable option given below:

Sheena cried when she _____ that she _____ her shoes.

A) realised / will lose

B) had realised / lost

C) realised / had lost

D) has realised / lost

17) Fill in the blanks with the correct option:

I will address this problem after I _____ my work.

A) lie, lay

B) lay, lie

C) lain, laid

D) laid, lain

18) Rearrange the following jumbled words to form a meaningful sentence:

He/extremely/so/worked/he/hard/promotion/the/got

A) He worked extremely hard so, he got the promotion.

B) He got the promotion so, he extremely worked hard.

C) He promotion got so he worked hard extremely.

D) The promotion he got so he worked hard extremely.

19) Fill in the blank with the suitable option:

_____ you need any further clarification, please feel free to reach out.

A) should

B) Could

C) Shall

D) Must

20) Fill in the blank with the suitable option:

He _____ on the carpet all day playing video games, when his father had asked him to _____ on the mattress.

A) at

B) for

C) on

D) to

Section 2: GK and Current Affairs

21) The hockey team of Belgium won their first ever World cup title on 16th December 2018 after they defeated which of the following countries?

- A) Australia**
 - B) Netherlands**
 - C) Spain**
 - D) India**
-

22) In which of the following years was the practice of 'Sati' abolished?

- A) 1830**
 - B) 1833**
 - C) 1832**
 - D) 1829**
-

23) Which statement among the following is NOT correct with respect to the production of Wheat in India?

- A) It is mainly grown in the drier parts of South India**
- B) It is a temperate crop**
- C) It is a rabi crop**
- D) It requires cool climate with moderate rainfall.**

24) Which of the following languages was declared as the 6th Classical language in 2014 by the Government of India?

- A) Odia**
 - B) Hindi**
 - C) Malayalam**
 - D) Tamil**
-

25) Which of the following options is CORRECT with reference to the official languages in Pondicherry?

- A) Tamil, Malayalam, English, Marathi**
 - B) Tamil, Telugu, Marathi, Gujarati**
 - C) Tamil, Telugu, English, Marathi**
 - D) Tamil, Telugu, Malayalam, English**
-

26) Which of the following statements is TRUE with reference to the Jnanpith Award, 2018?

- A) Girish Karnad was the recipient of the award in the year 2018**
- B) Krishna Sobti was awarded the 54th Jnanpith Award for the year 2018**
- C) Shankha Ghosh was chosen for the prestigious Jnanpith Award for the year 2018**
- D) Amitav Ghosh was awarded the 54th Jnanpith award for the year 2018**

Q 27) Who is the first Indian filmmaker to have a wax statue at Madame Tussauds, London?

- A) Subhash Ghai**
 - B) Rakesh Roshan**
 - C) Karan Johar**
 - D) Mani Ratnam**
-

28) Which of the following mountain ranges is called the "The Five Treasures of the Snow ?

- A) The Purvanchal Range**
 - B) Pir Panjal Range**
 - C) Mount Everest**
 - D) Kanchenjunga**
-

29) Which of the following Countries and their Capitals are incorrectly matched?

- A) Uganda - Kampala**
 - B) Zambia - Harare**
 - C) Lebanon - Beirut**
 - D) Mongolia - Ulaanbaatar**
-

30) Which is Asia's oldest and continuously published newspaper in India?

- A) The Bombay Samachar**
- B) The Times of India**
- C) Dainik Bhaskar**
- D) The Telegraph**

31) Who among the following is the author of the book The Accidental Prime Minister'?

- A) Sanjaya Baru**
 - B) Uday Tara Nayar**
 - C) Siddhartha Mukherjee**
 - D) Shashi Tharoor**
-

32) How many sessions does the Lok Sabha conduct each year?

- A) Two**
 - B) Four**
 - C) Three**
 - D) Five**
-

33) Which of the following is incorrectly matched with respect to the books and their authors?

- A) Citizen Delhi: My Times, My Life - Dr. Samir Sharma**
 - B) Imperfect - Sanjay Manjrekar**
 - C) A Century is Not Enough - Sourav Ganguly**
 - D) The Diary of a Domestic Diva - Shilpa Shetty**
-

34) Who is the first Indian to win an individual gold medal at the Olympic Games?

- A) Karnam Malleswari**
- B) Abhinav Bindra**
- C) Mahesh Bhupathi**
- D) Vishwanathan Anand**

35) Which among the given option of soils is ideal for cotton cultivation?

- A) Laterite
 - B) Regur
 - C) Peaty
 - D) Clayey
-

36) Which of the following options is TRUE with reference to Rahul Dravid being inducted as the Indian cricketer in the ICC Hall of Fame?

- A) Dravid is the fifth Indian cricketer to be formally inducted into the ICC Cricket Hall of Fame
 - B) Dravid is the Sixth Indian cricketer to be formally inducted into the ICC Cricket Hall of Fame
 - C) Dravid follows after Bishen Singh Bedi, Kapil Dev, Sunil Gavaskar, Sachin Tendulkar and Anil Kumble
 - D) Fellow ICC Hall of Famer, Kapil Dev presented Dravid with the memento
-

37) Who among the following scientists was awarded the Nobel Prize in Chemistry in 2018?

- A) Arthur Ashkin
- B) Frances H. Arnold
- C) Donna Strickland
- D) Gerard Mourou

38) Which of the following is a FALSE statement with respect to the South Asia Satellite launched by India in 2017?

- A) Eight SAARC countries are part of this project
 - B) The South Asia Satellite is India's "priceless gift" to its neighbours as part of the 'sabka sath, sabka vikas' concept
 - C) Besides India, Nepal, Bangladesh, Bhutan, Sri Lanka, Maldives and Afghanistan will benefit from this satellite
 - D) Initially, it was to be named as 'SAARC Satellite' but its name was changed to South Asia Satellite
-

39) Which of the following options is CORRECT?

- A) Roald Amundsen is the first person to reach North Pole
 - B) Robert Peary is the first person to reach South Pole
 - C) Sunita Pandya Williams is the first Indian woman in space
 - D) The first Indian woman in space was Kalpana Chawla
-

40) In which of the following years did the Santhal Rebellion against the British begin?

- A) 1857
- B) 1855
- C) 1905
- D) 1868

Section 3 : GK About J and K

41) Which of the following statements is FALSE with reference to the Indus Water Treaty, 1960?

- A)** A Permanent Indus Commission should be created consisting of officials from India and Pakistan, to implement and manage the objectives of the Indus Waters Treaty
 - B)** All the waters of the Western Rivers shall be available for the unrestricted use of India, except as otherwise expressly provided in the treaty
 - C)** Pandit Jawaharlal Nehru and Mohammad Ayub Khan signed this treaty for complete and satisfactory utilization of the waters of the Indus system of rivers
 - D)** Pakistan shall have the unrestricted use of all waters originating from sources other than the Eastern Rivers which are delivered by Pakistan into the Ravi or the Sutlej
-

42) An archaeological site excavated by Archaeological Survey of India during 1976-77 containing the remains of the Indus Valley Civilization in the state of Jammu and Kashmir is

- A)** Gufkral
- B)** Martand
- C)** Manda
- D)** Malpur

43) This palace is an example of medieval Tibetan architecture that once served as the regal residence of the Namgyal dynasty and now is a popular tourist destination in Jammu and Kashmir. Identify the palace from the following options.

- A)** Hari Niwas Palace
 - B)** Amar Mahal Palace
 - C)** Leh palace
 - D)** Sher Garhi Palace
-

44) Who among the following personalities born in Phagwal village of Jammu, popularised the art of tabla playing all over the world?

- A)** Uma Dutt Sharma
 - B)** Pandit Hari Prasad Chaurasiya
 - C)** Ustad Allarakha Khan
 - D)** Pandit Vishnu Sharma
-

45) Who among the following Kashmiri singers was conferred with Padma Shri in 2002 and Sangeet Akademi award in 2013?

- A)** Rupa Bhawani
- B)** Habba Khatoon
- C)** Raj Begum
- D)** Ghulam Ahmad Mahjoor

46) Pakal Dul Dam is a 1000-MW hydroelectric power project located at which of the following places in Jammu and Kashmir?

- A) Drangdhuran village of Kishtwar district**
 - B) Warikhah village of Baramulla district**
 - C) Chandwa village of Resai district**
 - D) Alchi village of Leh district**
-

47) Golf tourism is one of the main attractions in the state of Jammu and Kashmir. Which of the following options is an international standard 18 hole golf course located at Sidhra?

- A) Jammu Tawi Golf Course**
 - B) Royal Springs Golf Course**
 - C) Army Dhruva Golf Course**
 - D) Kashmir Golf Course**
-

48) 'Gulf of Corpses' is the name given to the deepest section of which of the following lakes in Jammu and Kashmir?

- A) Wular lake**
- B) Dal lake**
- C) Mansabal lake**
- D) Satsar lake**

49) Which of the following statements is INCORRECT with reference to the 'Standstill Agreement' in relation to the state of Jammu and Kashmir?

- A) The Prime Minister of Jammu and Kashmir Maharaja Hari Singh proposed this agreement to India and Pakistan on 12th August, 1947**
 - B) Pakistan accepted the agreement for the continuance of the existing arrangements pending settlement of details and formal execution**
 - C) India gave its consent to this agreement and Jammu and Kashmir was allowed to remain independent**
 - D) India did not agree to the offer and advised the Maharaja to send his authorized representative to Delhi for discussion on the offer**
-

50) Which of the following road tunnels in Jammu and Kashmir is attributed to be Asia's longest bi-directional highway tunnels inaugurated by Prime Minister Narendra Modi in April 2017?

- A) Jawahar tunnel**
- B) Nandni tunnel**
- C) Banihal Qazigund Road Tunnel**
- D) Chenani-Nashri tunnel**

51) The 'Instrument of Accession' is a legal document executed by Maharaja Hari Singh to accede to the Dominion of India. It was signed on

- A) 26th August 1947**
 - B) 12th August 1947**
 - C) 26th October 1947**
 - D) 29th July 1947**
-

52) JKNPP is a state political party of Jammu and Kashmir. JKNPP stands for:

- A) Jammu and Kashmir National People's Party**
 - B) Jammu and Kashmir National Public Party**
 - C) Jammu and Kashmir National Panthers Party**
 - D) Jammu and Kashmir National Political Party**
-

53) The provisions related to the 'Permanent Residents' is provided in which of the following parts of the Constitution of Jammu and Kashmir, 1956?

- A) Part 11**
- B) Part V**
- C) Part III**
- D) Part VII**

54) Read the following statements with reference to the 'Rights of Women' mentioned in the Directive Principles of State Policy in the Constitution of the State of Jammu and Kashmir and choose the CORRECT option.

- (i) All women in the state will have right of special protection against discourtesy, defamation, hooliganism and other forms of misconduct.**
 - (ii) All women employees in the state will have the right to access facilities provided for part-time technical and vocational courses free of cost.**
- A) (i) is TRUE and (ii) is TRUE**
 - B) (i) is FALSE and (ii) is TRUE**
 - C) (i) is FALSE and (ii) is FALSE**
 - D) (i) is TRUE and (ii) is FALSE**
-

56) Prime Minister Narendra Modi laid the foundation stone for which of the following power plants in 2014, with an installed capacity of 44 MW to harness the hydropower potential of river Suru?

- A) Kishanganga Hydroelectric Power Plant**
- B) Chutak Hydroelectric Power Plant**
- C) Dul Hasti Hydroelectric Power Plant**
- D) Baglihar Hydroelectric Power Plant**

57) Read the following statements with reference to the Jammu and Kashmir Right to Information Act 2009 and choose the CORRECT option.

(i) The Public Information Officer has to either provide the information or reject the request for information within 30 days from the receipt of the request, excluding any exceptions.

(ii) The Public Information Officer has to provide the information sought for concerns related to the life or liberty of a person within twenty-four hours of the receipt of the request.

- A)** (i) is TRUE and (ii) is FALSE
 - B)** (i) is TRUE and (ii) is TRUE
 - C)** (i) is FALSE and (ii) is TRUE
 - D)** (i) is FALSE and (ii) is FALSE
-

58) The short bold aromatic variety of rice mainly grown in Anantnag and Budgam districts of Jammu and Kashmir is

- A)** Basmati
- B)** Mushk Budji
- C)** Sona Masuri
- D)** Sharbati

59) Which of the following historical places in Jammu and Kashmir houses Moi-e-Muqqadas, the sacred hair of Prophet Muhammad's beard?

- A)** Jamia Masjid
 - B)** Hazratbal Shrine
 - C)** Charar-e-Sharif
 - D)** Digiana Mosque
-

60) The Tashkent Declaration was signed by the Prime Minister of India and President of Pakistan in the year 1966 to restore normal and peaceful relations between their countries. Identify the dignitaries who signed this declaration

- A)** Indira Gandhi and Yahya Khan
- B)** Lai Bahadur Shastri and Mohammad Ayub Khan
- C)** Jawahar Lal Nehru and Iskandar Mirza
- D)** Gulzarilal Nanda and Zulfikar Ali Bhutto

Section 4 :General Science

61) The term "Gibbrat ratio" is associated with

- A) solar energy**
 - B) nuclear energy**
 - C) tidal energy**
 - D) wind energy**
-

62) The food making process in green plants is termed as

- A) pollination**
 - B) transpiration**
 - C) osmosis**
 - D) photosynthesis**
-

63) The example of the wave where the particles in the medium move parallel to the direction of propagation of the wave is

- A) light wave**
 - B) ripples on the surface of water**
 - C) sound wave**
 - D) radio wave**
-

64) When is the International Day for the Preservation of the Ozone Layer celebrated every year?

- A) 1st January**
- B) 31st March**
- C) 1st July**
- D) 16th Sept**

65) Solar radiation is absorbed by FPC which consists of an insulated outer metallic box covered on the top with glass sheet. What does FPC stands for?

- A) Fluid Plate Converters**
 - B) Fluid Plate Conductors**
 - C) Flat Plate Converters**
 - D) Flat Plate Collectors**
-

66) Drying of wet clothes is an example of

- A) condensation**
 - B) freezing**
 - C) evaporation**
 - D) melting point**
-

67) Which of the following instrument is used to measure the flowing current in an electric circuit?

- A) Voltmeter**
 - B) Ammeter**
 - C) Anemometer.**
 - D) Hydrometer**
-

68) Which of the following is the limitation of wind energy pertaining to wind power generation?

- A) Wind power generation is cost-effective**
- B) Wind energy is clean and pollution free**
- C) Wind power development takes up less land**
- D) Wind energy cannot be directly stored in large quantities**

69) Which of the following is an example of non-uniform acceleration?

- A)** Movement of blades of a ceiling fan
 - B)** Earth under the influence of gravity
 - C)** A rocket lifts from a space center
 - D)** Car running on a crowded city road
-

70) The time take by a one complete wave to pass a given point in one second is called

- A)** Wavelength
 - B)** Amplitude
 - C)** Period
 - D)** Speed
-

71) Which of the following pairs of nutrients released from land use activities contaminate the water bodies leading to abnormal algae growth on the surface of water

- A)** Lead and Phosphorous
 - B)** Nitrogen and Phosphorous
 - C)** Lead and Nitrogen
 - D)** Lead and Cadmium
-

72) Which biotic component of ecosystem is also known as 'Energy Transducers'?

- A)** Producers
- B)** Herbivores
- C)** Carnivores
- D)** Decomposers

73) The basic structure of a chlorophyll molecule is a porphyrin ring which is coordinated to a central atom

- A)** zinc
 - B)** cobalt
 - C)** magnesium
 - D)** iron
-

74) Dracunculosis is a disease caused by drinking water infected with

- A)** guinea worm larvae
 - B)** bacterial spores
 - C)** algae
 - D)** fungi
-

75) Which of the following is a disadvantage of solar energy?

- A)** Reduces electricity bills
 - B)** Renewable energy source
 - C)** Weather dependent
 - D)** Helps in production of electricity
-

76) Which of the following chemicals is NOT an ozone depleting substance?

- A)** Chlorofluorocarbons
- B)** Hydrochlorofluorocarbons
- C)** Toluene
- D)** Methyl chloroform

77) Which of the following vitamin is responsible for the coagulation of blood?

- A) Vitamin C**
 - B) Vitamin K**
 - C) Vitamin A**
 - D) Vitamin E**
-

78) Select the option that will make the second pair analogous to the first pair.

Vitamin B1 : Thiamine :: ? : Riboflavin

- A) Vitamin B2**
 - B) Vitamin B3**
 - C) Vitamin B5**
 - D) Vitamin B6**
-

79) The circulation of water between ocean, atmosphere and land is known as the

- A) water table**
- B) evaporation**
- C) water cycle**
- D) transpiration**

80) Which of the following is an example of Newton's third law of motion?

- A) A gun recoils when a bullet is fired from it**
- B) A book lying on the table**
- C) Pushing or pulling the door**
- D) Pulling a cart**

Section 5 : Mental Ability Test

81) If BOAT is coded as RYMZ, then how will SKIP be coded ?

- A) NGIQ**
 - B) JSNV**
 - C) UMKR**
 - D) RLHR**
-

82) If DEMOGRAPHY is coded as 4546791787 then how will VOCABULARY be coded?

- A) 3251633297**
 - B) 4631233197**
 - C) 5638263287**
 - D) 4621543897**
-

83) Two statements A & B are followed by three conclusions I, II & III. Assuming the statements to be true, even if they seem to be at variance from the commonly known facts, select the alternative that logically follows from the given statements disregarding the commonly known facts.

Statements:

- A. All insects are animals.
- B. Some insects are reptiles.

Conclusions:

- I. All animals are reptiles.
- II. No reptile is insect.
- III. Some animals are reptiles.

- A) Only I follows**
- B) Only II follows**
- C) Both II or III follows**
- D) Only III follows**

84) Nishtha walks 3 km towards West and from there turns 90° left and walks 4 km. From there she turns 45° towards her left and walks for 5 km. How far is she from the starting point?

- A) 0 km**
 - B) 5 km**
 - C) 1 km**
 - D) 7 km**
-

85) After leaving from his office in the evening, Hifesh walks 2 km in the direction of sun. He then turns to his left and walks 1 km and then turns to his right and walks 1 km and then turns to his left and walks 6 km to reach his home. In which direction is his home with respect to his office?

- A) South-West**
 - B) South-East**
 - C) North**
 - D) South**
-

86) If 'x' means 'subtraction', '÷' means 'addition', means 'division' and '+' means 'multiplication', then what will be the value of the following expression?

$$[(16 \div 4) - 6 + 8] + [3 \times 8 - 16 + 2]$$

- A) 6**
- B) 22**
- C) 24**
- D) 26**

87) Anil walks to his office at a speed of 1.8 Kmph and reaches 10 minute late. The following day he increases his speed to 2 kmph and reaches 15 minutes early. How far is his office from his home.?

- A) 9 Km
 - B) 12 Km
 - C) 7.5 Km
 - D) 6 Km
-

88) Which is the next number in the given series

11,15,21, 31, 45, ____?

- A) 61
- B) 65
- C) 63
- D) 67

89) What will be the value of the Expression

$$1 \times 8 - 8 \div 8 + 8?$$

- A) 15
 - B) 0
 - C) 8
 - D) 1
-

90) Two Statements A & B are followed by three conclusions I, II & III. Assuming the statements to be true, even If they seem to be in variance from the commonly known facts, Select the alternative that logically follows from the given statements, disregarding commonly known facts

Statements:

- A. All Papers are Books.
- B. No Book is a calendar.

Conclusions

- I. Some papers are calendar.
- II. No calendar is a book.
- III. All books are calendars.

- A) Only I follows
 - B) Only II follows
 - C) Both I and II follow
 - D) Both II and III follow
-

91) Pointing to a man in the photograph, Meena said, "He is the only brother of my mother-in-law's daughter". How is the man related to Meena?

- A) Brother
 - B) Nephew
 - C) Son
 - D) Husband
-

92) Two statements labelled as Assertion(A) and Reason (R) are given. Read both the statements carefully and choose the correct alternative.

Assertion(A): Dengue is caused by mosquitoes.

Reason(R): Water logging is a breeding ground for mosquitoes.

A) Both A and R are true and R is the correct explanation of A.

B) Both A and R are true but R is NOT the correct explanation of A.

C) A is true but R is false.

D) A is false but R is true.

93) Nitin starts from his office and walks 4 km towards South. He then turns left and walks 6 km and then again turns left and walks 4 km. In which direction is he from the starting point?

A) North

B) West

C) East

D) South

94) Two statements labelled as Assertion(A) and Reason (R) are given. Read both the statements carefully and choose the correct alternative.

Assertion(A): Industrial waste causes water and soil pollution.

Reason(R): Industrialization should not be encouraged.

A) Both A and R are true and R is the correct explanation of A.

B) Both A and R are true but R is NOT the correct explanation of A.

C) A is true but R is false.

D) A is false but R is true.

95) A helicopter flies at a speed of 180 kmph to a certain distance in 3 hrs. At what speed must fly to cover the same distance in 2.5 hrs?

A) 240 kmph

B) 256 kmph

C) 216 Kmph

D) 198 kmph

96) Choose the correct alternative that will replace the question mark in the series
NAOK, PAQK, RASK, ?

A) SATK

B) UBTk

C) TAUK

D) QZRK

97) Moving at a speed of 54 kmph, a train covers a certain distance in 40 minutes. What should be the speed of the train so as to reduce the journey time to 30 minutes?

A) 60 kmph

B) 72 kmph

C) 84 kmph

D) 90 kmph

98) If '\$' means 'addition', '<' means 'subtraction', '=' means 'multiplication' and means 'division', then what will be the value of the following expression?

The expression is $6 = 4 @ 2 \$ 10 < 8$

- A) 14
 - B) 12
 - C) 11
 - D) 10
-

99) Pointing to Anuj, Veena said, "His wife is the daughter of the son-in-law of the father of my only daughter". How is Anuj related to Veena's daughter?

- A) Son-in-law
 - B) Brother
 - C) Son
 - D) Grandson
-

100) If ROPE = 54 and COAT = 39 then what is the value of SOAP?

- A) 51
- B) 45
- C) 37
- D) 60

Section 6 : Computer Applications

101) The decimal number 23 is represented in Binary numeral system as

- A) 110011101
 - B) 10010101
 - C) 11101
 - D) 10111
-

102) Which of the following electronic component is used as a very important component in one of the old generations of computers?

- A) Transistors
 - B) Metals
 - C) Filaments
 - D) Carbon
-

103) Which of the following sections of the process contains function parameters, return addresses and local variables?

- A) stack
 - B) data
 - C) heap
 - D) text
-

104) Which of the following options represents a standard keyboard layout?

- A) QWRETY
- B) QWERTY
- C) QWRRTY
- D) QWWETY

105) A modem must be connected between CPU and

- A) Printer
 - B) Phone line
 - C) Register
 - D) Monitor
-

106) Number of page orientations allowed in PowerPoint is

- A) 1
 - B) 2
 - C) 3
 - D) 4
-

107) In resource allocation graph with all single resource instances, a cycle in the graph indicates

- A) definitely no deadlock
 - B) definitely a deadlock
 - C) partial deadlock —
 - D) partial starvation
-

108) PowerPoint slide can be saved as

- 1. .pdf
 - 2. .pps
 - 3. .ipg
 - 4. .python
- A) Only 1 & 2
 - B) Only 2 & 4
 - C) Only 1 & 3
 - D) Only 1,2 & 3

109) Which of the following devices is an input device?

- A) Monitor
 - B) Printer
 - C) Plotter
 - D) Keyboard
-

110) 'If process is executing in its critical section, no other process is executing in its critical section'. This statement is related to

- A) Mutual Exclusion
 - B) Progress
 - C) Bounded Waiting
 - D) No Pre-emption
-

111) Unsolicited commercial email is known as

- A) thread
 - B) spam
 - C) draft
 - D) intruder
-

112) Which of the following techniques can be used by web applications to access the stored information across all the pages within the application?

- A) Add-ons
- B) cookie
- C) cross page posting
- D) popup

113) Which of the following options is NOT a hardware

- A) Interpreter
 - B) RAM
 - C) Keyboard
 - D) SMPS
-

114) DNS is a host name to IP address translation service. DNS stands for

- A) Data Network Server
 - B) Domain Network Service
 - C) Domain Name Server /
 - D) Data Name Server
-

115) To increase the font size of the selected text in MS Word, which of the following combination of key is used

- A) Ctrl and alt
 - B) Ctrl and]
 - C) shift and S
 - D) alt and shift
-

116) The wheel located between the two standard buttons of an optical mouse is used to

- A) shutdown
- B) restart
- C) scroll
- D) close web page

117) MS Excel function, ISOWEEKNUM(date) returns

- A) ISO week number of the year for a given date**
 - B) Gives the 1ST of the date**
 - C) geographical location of the equator on the given date**
 - D) current time in Indian Standard Office for the given date**
-

118) Peterson's solution provides a software-based solution to a critical section problem with how many number of processes?

- A) 1**
 - B) 2**
 - C) 3**
 - D) 4**
-

119) Which of the following hardware devices is used to get Internet connection that enables a computer to transit data over telephone or cable lines?

- A) Printer**
- B) Modem**
- C) Browser**
- D) Keyboard**

120) A silicone piece with millions of transistors in it is known as

- A) Chip**
- B) Circuit**
- C) Digital Gate**
- D) Multiplexer**

Answer Key

1	A	31	A	61	C	91	D
2	C	32	C	62	D	92	A
3	D	33	A	63	C	93	C
4	C	34	B	64	D	94	C
5	C	35	B	65	D	95	C
6	A	36	A	66	C	96	C
7	A	37	B	67	B	97	B
8	A	38	A	68	D	98	A
9	C	39	D	69	D	99	A
10	A	40	B	70	C	100	A
11	C	41	B	71	B	101	D
12	C	42	C	72	A	102	A
13	C	43	C	73	C	103	A
14	C	44	C	74	A	104	B
15	C	45	C	75	C	105	B
16	C	46	A	76	C	106	B
17	B	47	A	77	B	107	B
18	A	48	A	78	A	108	D
19	A	49	C	79	C	109	D
20	B	50	D	80	A	110	A
21	B	51	C	81	A	111	B
22	D	52	C	82	B	112	B

23	A	53	C	83	D	113	A
24	A	54	D	84	A	114	C
25	D	55	C	85	A	115	B
26	D	56	B	86	D	116	C
27	C	57	A	87	C	117	A
28	D	58	B	88	D	118	B
29	B	59	B	89	A	119	B
30	A	60	B	90	B	120	A

JKSSB Graduate Level 2019 Question Paper

(Exam Held on 19th May, 2019)

Section 1 – General English

1) Which word is closest in meaning to the underlined word in the sentence?

"It's quite common to come across such incidents nowadays".

- A) ordinary
 - B) simple
 - C) mutual
 - D) routine
-

2) Fill in the blanks with the suitable option:

I need a new car _____ has at least five seats. My present one. _____ is white in color, can seat hardly three people.

- A) that, that
 - B) which, which
 - C) that, which
 - D) which, that
-

3) Which word is farthest in meaning from the underlined word in the sentence, "The cold weather affected his desire to deliver optimal productivity."

- A) encouraged
- B) sustained
- C) hindered
- D) retained

4) Fill in the blank with the suitable option:

It was _____ who strived against discrimination to become the first woman Judge of her country.

- A) her
 - B) herself
 - C) she
 - D) hers
-

5) Fill in the blank with the suitable option:

I think he is still in _____ bed. Wake him up or he will miss his train.

- A) a
 - B) an
 - C) the
 - D) No article is required
-

6) Change the sentence from direct speech to reported speech:

"I mean it when I say that the strong will conquer all hurdles."

- A) He emphasized that the strong will conquer all hurdles
- B) He opined that the strong will be conquering all . hurdles
- C) He stressed that the strong would conquer all hurdles
- D) He focused on the fact that the strong can conquer all hurdles

7) In what logical order can we arrange the given sentences to get a coherent paragraph?

A) Despite registering handsome profits. Swirly Motor's shares don't trade as highly as of its peers due to a sense of uncertainty among investors.

B) An expensive and disastrous foray into food industry, and inadequate transparency about its future plans have, in recent years, have perplexed many.

C) The biggest hurdle to Swirly Motor's growth lies in its past.

D) Big investors had been disappointed in the past over its uncertainty in decision-making.

E) Swirly shares now trade at six times their estimated earnings of 2002, and are the second cheapest in the sector.

A) EBADC

B) ACDBE

C) BCDEA

D) EABCD

8) Fill in the blank with the suitable option given below:

Take a right_____the next crossroad.

A) at

B) before

C) on

D) to

9) Fill in the blank with the suitable option:

He removed the painting,_____was my favorite, so I was upset.

A) who

B) when

C) this

D) which

10) Fill in the blank with the suitable option:

_____you run your mouth at a moment like this, when everyone is silent and in mourning?

A) Should

B) Could

C) Shall

D) Would

11) Fill in the blank with the suitable option:

Hito loves Hockey much more than _____ even If clearly am the better player.

A) I

B) me

C) mine

D) myself

12) Fill In the blanks with the suitable option:

He has been acting all _____ after becoming a cop.

- A) mighty and fighty
 - B) high and low
 - C) high and dry
 - D) high and mighty
-

13) Fill in the blank with suitable option given below:

That small grocery store _____ the corner of the street, is my father's.

- A) in
 - B) on
 - C) at
 - D) with
-

14) Change the sentence from direct speech to reported speech:

"Well, all Julian has to do was ask."

- A) He observed that Julian could just ask.
 - B) He remarked that Julian needs to ask.
 - C) He said that Julian simply had to ask.
 - D) He told that Julian can simply ask.
-

15) Fill in the blank with the suitable option:

When we were kids, we _____ play for hours in this park. That was a golden period in our lives.

- A) ought to
- B) would
- C) could
- D) should

16) Break a _____ man. That was an awesome performance!

- A) leg
 - B) sweat
 - C) heart
 - D) jinx
-

17) Fill in the blank with the suitable option:

_____ love that mothers have for their babies is unconditional and pure.

- A) a
 - B) an
 - C) the
 - D) No article required
-

18) Fill in the blanks with the suitable option given below:

While Rohita _____ television, I _____ my project work.

- A) was going to watch / finish
 - B) will watch / am finishing
 - C) watches / would finish
 - D) was watching / had finished
-

19) Fill in the blank with the suitable option given below:

The staff _____ decorating the premises before the new owners landed.

- A) has been
- B) had been
- C) have been
- D) have being

20) In what logical order can we arrange the given sentences to get a coherent paragraph?

A) The necessity for better shipment management has now been addressed by the new companies.

B) New ports seem to have gotten a boost from this change in attitude.

C) The authorities state that this is leading to a positive change in the owners of old ships.

D) In terms of ship management efficiency, there has recently been a sea change in attitude.

A) DBAC

B) ABDC

C) DACB

D) ACBD

Section 2: GK and Current Affairs

21) Who is the first Indian recipient of the International Cricket Council's, Sir Garfield Sobers Trophy?

- A) Sachin Tendulkar
 - B) Rahul Dravid
 - C) Kapil Dev
 - D) MS Dhoni
-

22) Which of the following is the autobiography of Maria Sharapova?

- A) And Then One Day
 - B) Unstoppable: My Life So far
 - C) Playing it My Way
 - D) I know How to Live, I know How to Die
-

23) Which among the following options is the daily newspaper published in Sanskrit?

- A) Panchjanya
 - B) Sanmarg
 - C) Dharitri
 - D) Sudharma
-

24) In which of the following rivers is the Majuli island, one of the largest river islands in the world, situated?

- A) Mahanadi
- B) Ganga
- C) Brahmaputra
- D) Indus

25) Who among the following is the author of the popular book - Becoming?

- A) Salman Rushdie
 - B) Hillary Clinton
 - C) Michelle Obama
 - D) R R Martin
-

26) Which of the following is an INCORRECT statement with reference to the Ramon Magsaysay Award 2018?

- A) Bharat Vatwani was recognised for leading the rescue of thousands of mentally ill street dwellers
 - B) Bharat Vatwani and Sonam Wangchuk from China won the Award
 - C) Sonam Wangchuk was considered for harnessing nature, culture & education for progress of the community
 - D) Bharat Vatwani and Sonam Wangchuk from India were given this prestigious award
-

27) Whose birthday is celebrated as 'National Farmers Day' in India on 23rd December?

- A) Chaudhary Charan Singh
- B) Dr.M.S Swaminathan
- C) V.V.Giri
- D) Verghese Kurien

28) In which of the following months are Rabi Crops sown?

- A) October - March
 - B) August - September
 - C) March - June
 - D) April - August
-

29) Which of the following States and UTs is matched CORRECTLY with its official language?

- A) Meghalaya - English
 - B) Pondicheny - Tamil and Hindi
 - C) Mizoram - Bhutia
 - D) Tripura - Garo
-

30) What do you mean by Kleptocracy?

- A) Form of government which has gained or retained power through means of corruption and theft
- B) Form of government that combines and divides powers between a centralized federal authority and local authorities
- C) Form of government where economy is under public ownership
- D) Form of government in which authority is vested in those who have demonstrated the merits

31) In October 2018, who was appointed as the Chief Economist of the International Monetary Fund (IMF)?

- A) Raghuram Rajan
 - B) Gita Gopinath
 - C) Maurice Obstfeld
 - D) Azim Prem Ji
-

32) Which of the following is NOT a part of the Parliament of India?

- A) Vidhan Sabha
 - B) Lok Sabha
 - C) Rajya Sabha .
 - D) President
-

33) Identify the CORRECT option with respect to the countries / areas that border the Arctic Ocean?

- A) Canada, Greenland, Russia, Sweden and Finland
- B) Sweden, Greenland, Canada, Alaska and Russia
- C) Greenland, Canada, Alaska, Russia and Nonway
- D) Alaska, Greenland, Iceland, Russia and Sweden

34) Renminbi is the official currency of which of the following countries?

- A) Russia
 - B) China
 - C) Romania
 - D) Czechoslovakia
-

35) Which of the following statements is CORRECT with reference to the Man Booker Prize 2018 for Fiction?

- A) Rachel Kushner was awarded the 2018 Booker Prize for the novel, Milkman
 - B) Anna Burns was awarded the 2018 Booker Prize for the novel, The Mars Room
 - C) Anna Burns was awarded the 2018 Booker Prize for the novel, Milkman
 - D) Rachel Kushner was awarded the 2018 Booker Prize for the novel, The Mars Room
-

36) Which of the following regions rank first in the production of Rice in India?

- A) Godavari-Krishna Delta
 - B) Punjab
 - C) Uttar Pradesh
 - D) West Bengal
-

37) Which of the following options is CORRECTLY matched?

- A) Battle of Buxar -1769
- B) Pitt's India Act -1784
- C) Battle of Plassey -1754
- D) The Permanent Settlement of Bengal -1798

38) Who was the first Indian woman athlete to win gold in the women's 400 m final race in the IAAF World Under-20 Athletics

Championships?

- A) Sakshi Malik
 - B) Seema Punia
 - C) Hima Dass
 - D) Mary Korn
-

39) Which of the following Nations joined ASEAN as its seventh member In 1995?

- A) Indonesia
 - B) Vietnam
 - C) Malaysia
 - D) Singapore
-

40) Which of the following options is matched CORRECTLY?

- A) International Monetary Fund (IMF) - Vienna, Austria
- B) United Nations Educational, Scientific and Cultural Organization (UNESCO) - Madrid, Spain
- C) World Health Organization (WHO) - Geneva, Switzerland
- D) International Labour Organization (ILO) - Vienna, Austria

Section 3 : GK About J and K

41) Which of the following statements is FALSE with respect to Jammu and Kashmir RTI Act 2009?

- A) Public authority must reply to RTI application within 35 days
 - B) Section 15 deals with Powers and Functions of the Information Commission
 - C) Section 14 provides for the removal of State Chief Information Commissioner
 - D) Section 8 provides for Exemption from Disclosure of Information
-

42) Which of the following is an INCORRECT statement with respect to the Bahu Fort?

- A) It has a temple dedicated to the Hindu goddess, Kali
 - B) It is believed to be approximately 3000 years old
 - C) It was revamped by the Kings of the Dogra Dynasty
 - D) It is built on the left bank of the river Jhelum
-

43) Which of the following options is TRUE with respect to the Jammu & Kashmir RTI Act 2009?

- A) Section 24 - Obligation of Public Authorities
- B) Section 23 - Government to prepare programmes
- C) Section 20 - Ground for rejection
- D) Section 19 - Power to make rules by Government

44) Which of the following hydroelectric projects is NOT located on the Chenab?

- A) Salal
 - B) Dulhasti
 - C) Chutak
 - D) Baglihar
-

45) Who was the Prime Minister of J&K during the reign of Maharaja Hari Singh who later became the third Chief Justice of Supreme Court of India?

- A) Mehr Chand Mahajan
 - B) Balraj Puri
 - C) Pt. Prem Nath Dogra
 - D) Bhajan Sopori
-

46) Who was the photographer from Kashmir to bag 2016 Wisden-MCC (Melbourne Cricket Council Cricket Photograph of the Year Award?

- A) Anand Sharma
- B) Adnan Ali Zahidani
- C) Arshad Hussain
- D) Saqib Majeed

47) The Directive Principles of State Policy In the Constitution of the State of Jammu and Kashmir does NOT mention which of the following In the Rights of Women?

- A) The right to full equality in all social, educational, political and legal matters
 - B) The right to maternity benefits
 - C) The right to equal pay for equal work
 - D) The right to property to married women being divorced
-

48) Ranjit Sagar Dam is built across which of the following rivers?

- A) Chenab
 - B) Ravi
 - C) Jhelum
 - D) Indus
-

49) Which of the following statements is FALSE with reference to the Constitution of Jammu and Kashmir?

- A) It is a written document
- B) It has 158 Sections divided into 12 Parts
- C) It has seven Schedules attached to it
- D) The Directive Principles of State policy is given in Part IV of the State Constitution

50) Who wrote 'Rajatarangini' a historical chronicle of early India in the Kashmir region?

- A) Kalhana
 - B) Parmanuka
 - C) Jayasimha
 - D) Bhiksacara
-

51) Which of the following options is a spring of the Kashmir Valley?

- A) Gangabal
 - B) Vishno Pad
 - C) Martand
 - D) Manasbal
-

52) According to the chronicles of Hiuen Tsang, the eminent Chinese traveller who visited India in the 7th century A.D, which dynasty ruled Kashmir during the period?

- A) Aditya
 - B) Utpala
 - C) Gonanda
 - D) Karakota
-

53) Which of the following statements is FALSE with respect to the Pakal Dul project?

- A) It is to be constructed on the Marusudar, the main tributary of the Chenab
- B) It has an estimated capacity of 2000 MW
- C) It envisages a 167-metre high concrete face rockfill dam
- D) It consists of an underground power house near the village Dul

54) Who constructed the 'Bahu Fort' the most iconic of all monumental marvels in Jammu?

- A) Raja Bahubali
 - B) Raja Bahulochan
 - C) Atta Muhammad Khan
 - D) Mian Hathu
-

55) Which of the following options is paired CORRECTLY?

- A) Iqbal Project - Ravi Basin
 - B) Kamah Project - Chenab Basin
 - C) Baglihar Project - Chenab Basin
 - D) Pahalgam Project - Ravi Basin
-

56) When was the historical Indus Waters Treaty based on the World Bank proposals signed?

- A) September 1, 1960
 - B) September 29, 1960
 - C) September 19, 1960
 - D) September 15, 1960
-

57) Which of the following statements is FALSE with reference to Chenani Nashri Tunnel?

- A) It reduces road distance between Chenani and Nashri to 10.9 km from earlier long route of 41 km
- B) It reduces the distance between Jammu and Srinagar by around 100 km
- C) It is India's first tunnel equipped with world class Integrated Traffic Control System (ITCS)
- D) The Tunnel is 7 km long and built at an altitude of 950 meters

58) Which among the following places is the favourite destination of the trained skiers in Gulmarg?

- A) Betaab Valley
 - B) Apharwat range \
 - C) Chandanwari
 - D) Panchtarni
-

59) 'Khardung La', one of the highest motor able roads in India is gateway to which of the following options?

- A) Drass
 - B) Nubra Valley
 - C) Zaskar
 - D) Baramullah
-

60) Which of the following options is a variety of rice grown in Jammu and Kashmir?

- A) Starkrimson
- B) K 332
- C) Gold Spur
- D) MM III

Section 4 :General Science

61) Kmph is the unit to measure

- A) speed
 - B) acceleration
 - C) momentum
 - D) mass
-

62) A lake is a type of

- A) lotic ecosystem
 - B) lentic ecosystem
 - C) marine ecosystem
 - D) terrestrial ecosystem
-

63) Which of the following substances can exist as solid, liquid and gas?

- A) Camphor
 - B) Wood
 - C) Water
 - D) Nitrogen
-

64) Which of the following conventions/protocols is related to the protection of ozone layer?

- A) Vienna Convention. 1985
- B) Nagoya Protocol. 2010
- C) Kyoto Protocol, 1997
- D) Geneva Convention, 1979

65) The combustion of fossil fuels at power plants is the main source of emission of which of the following gases?

- A) Carbon monoxide
 - B) Sulphur dioxide
 - C) Methane
 - D) Nitrous oxide
-

66) Which of the following statements is TRUE about transverse waves?

- A) In transverse waves, the particles in the medium move parallel to the direction of propagation of wave
 - B) The transverse wave moves in the form of crests and troughs
 - C) The transverse waves propagate in a medium which possesses elasticity of volume
 - D) The transverse waves move in the form of compressions and rarefactions
-

67) Which of the following statements is INCORRECT regarding the features of Passive Solar Energy Systems?

- A) These systems are primarily concerned with the design and orientation of buildings to the Sun
- B) These systems include the use of photovoltaic panels and solar thermal collectors
- C) These systems focus on selecting materials with favourable light dispersing properties and ventilation
- D) These systems involve the use of conventional energy sources and Greenhouses are best example for this

68) The secretion produced by the glands in the lining of the stomach in human beings is called

- A) succus entericus
 - B) bile juice
 - C) gastric juice
 - D) insulin
-

69) Which of the following waves require a medium to travel?

- A) Microwaves
 - B) X-rays
 - C) Light waves
 - D) Sound waves
-

70) Motion of a pendulum is an example of

- A) linear motion
 - B) circular motion
 - C) rotational motion
 - D) periodic motion
-

71) The unit of measurement used to express the thickness of ozone layer is

- A) Newton metre
- B) Decibel unit
- C) Dobson unit
- D) Poise

72) Which of the following processes helps in transportation of minerals from soil to all the parts of the plants?

- A) Respiration
 - B) Imbibition
 - C) Transpiration
 - D) Translocation
-

73) Which of the following statements is INCORRECT with reference to advantages of tidal energy?

- A) Tidal power is a green energy source as it does not emit greenhouse gases
 - B) Tidal currents are highly unpredictable and inconsistent
 - C) Electricity can be generated from tides much more efficiently at slower speeds
 - D) Construction cost of tidal power plants is high but maintenance costs are relatively low
-

74) Mercury: Minamata disease:: ? : Itai-itai disease

- A) Lead
- B) Nickel
- C) Iron
- D) Cadmium

75) When a fan is switched off, it continues to rotate for some time before coming to rest.

This is due to

- A) force of acceleration
 - B) inertia of motion
 - C) inertia of rest
 - D) inertia of direction
-

76) Water helps control our body temperature and allows us to adapt to changes in environmental temperatures because it has

- A) high heat capacity
 - B) low heat capacity
 - C) high entropy
 - D) low entropy
-

77) Which of the following forms of energy drives a wind turbine, a device used to generate electricity?

- A) Gravitational potential energy
 - B) Mechanical energy
 - C) Kinetic energy
 - D) Hydrothermal energy
-

78) The chemical name of which of the following vitamins is Ergocalciferol? ,

- A) Vitamin A
- B) Vitamin B6
- C) Vitamin D2
- D) Vitamin K

79) Which of the following is an example of secondary cell?

- A) Lead storage cell
 - B) Leclanche Dry cell
 - C) Daniel cell
 - D) Hydrogen cell
-

80) Which of the following vitamin B reduces the of spina bifida in unborn babies?

- A) Niacin
- B) Pantothenic acid
- C) Folic acid
- D) Riboflavin

Section 5 : Mental Ability Test

81) If R denotes 'multiplication' S denotes 'addition', Q denotes 'subtraction' and M denotes 'division', then what will be the value of the expression $135 \text{ M } 15 \text{ R } 3 \text{ Q } 18 \text{ S } 2$?

- A) 11
 - B) 9
 - C)-13
 - D) 6
-

82) Two statements labelled as Assertion (A) and Reason (R) are given. Read both the statements carefully and choose the correct alternative.

Assertion(A): Junk food leads to health disorders.

Reason(R): Junk food is highly processed and it has excess fat

- A) Both A and R are true and R is the correct explanation of A
- B) Both A and R are true but R is NOT the correct explanation of A
- C) A is true but R is false
- D) A is false but R is true

83) If Ram cycles at a speed of 20 kmph instead of 15kmph, he would be able to cover a distance of 30 km more. What is the actual distance covered by him?

- A) 70 kms
 - B) 110 kms
 - C) 90 kms
 - D) 50 kms
-

**84) What will be the next term of the series ?
13,17,27,49, 89 _____**

- A) 153
 - B) 129
 - C) 142
 - D) 169
-

85) Introducing Vanya, Aman said, "She is the daughter of the sister of my mother's only son". How is Vanya related to Aman?

- A) Daughter
 - B) Sister
 - C) Niece
 - D) Aunt
-

86) If SCREW is coded as 25139 and WATER is coded as 98631, then how will TRACE be coded?

- A) 65413
- B) 61394
- C) 65913
- D) 61853

87) In a certain code "Music Soothes Mind" is written as 'Tic Tac Toe', "Isha likes Music" is written as "Pat Jat Tac" and "Mind Likes Peace" is written as 'Toe Jat Mat". What is the code for "Isha"?

- A) Mat
 - B) Tic
 - C) Pat
 - D) Toe
-

88) A man was standing in his balcony facing South East. He turns 180 Degree in the anti-clockwise direction and then 90 Degree in the clockwise direction. Which direction is he facing now?

- A) North
 - B) South-west
 - C) West
 - D) North-east
-

89) Two Statements A & B are followed by three Conclusions I, II & III. Assuming the statements to be true even if they seem to be at variance from the commonly known facts, select the alternative that logically follows from the given statements disregarding the commonly known facts.

Statements:

- A. All actors are singers.
- B. All singers are musicians.

Conclusions:

- I. All musicians are actors.
- II. All actors are musicians.
- III. All musicians are singers.

- A) Only I Follows
 - B) Only II follows
 - C) Only III follows
 - D) Only II and III follow
-

90) Ram's watch is showing 3 o'clock. He found that the hour hand is pointing towards North-east. In which direction is the minute hand of the clock pointing?

- A) South-east
 - B) North-east
 - C) South-west
 - D) North-west
-

91) Which two numbers are to be interchanged in order to make the following equation correct?

The equation is $15 + 5 + 7 - 2 \times 3 = 2$

- A) 7 and 5
- B) 3 and 7
- C) 2 and 5
- D) 3 and 5

92) In a certain code MATHEMATICS is written as: TAMHAMETSCI. How will COMPETITION be written in the same code?

- A) OCPMTERTINO
 - B) MOCPIETNOI
 - C) OMCETPIOTIN
 - D) NMOTEPITNO
-

93) Choose the correct alternative that will replace the question mark in the series FQN, HSP, JUR, ?

- A) KVS
- B) LWT
- C) ITQ
- D) HSP

94) Two statements labelled as Assertion (A) and Reason (R) are given. Read both the statements carefully and choose the correct alternative.

Assertion (A): India is a highly populated country.

Reason(R): India has the lowest death rate.

- A) Both A and R are true and R is the correct explanation of A
- B) Both A and R are true but R is NOT the correct explanation of A
- C) A is true but R is false
- D) A is false but R is true

95) If North-east is written as South and South-west is written as North. What will East be written as?

- A) North-west
 - B) West
 - C) South-west
 - D) North
-

96) Mahima is the sister of the son of Naresh's only daughter. How is Mahima related to Naresh's wife?

- A) Sister
 - B) Niece
 - C) Daughter
 - D) Grand Daughter
-

97) A person covers first half of the distance at 1500 mph and second half at 900 mph. If the total time taken in covering the distance is 2 hours then the total distance covered by him is [Here mph means meters per hour]

- A) 2.25 km
- B) 2 km
- C) 1.75 km
- D) 1.5 km

98) The speed of a car increases by 3 kmph after every hour. If the distance travelled in the first one hour was 40 km. what was the total distance travelled in 8 hours?

- A) 510 km
 - B) 404 km
 - C) 368 Km
 - D) 471 Km
-

99) Two Statements A and B are followed by three Conclusions I, II & III. Assuming the statements to be true even if they seem to be at variance from the commonly known facts, select the alternative that logically follows from the given statements disregarding the commonly known facts.

Statements:

- A. Some cups are glasses.
- B. Some glasses are jugs.

Conclusions:

- I. All jugs are cups.
- II. Some jugs are cups.
- III. Some glasses are cups.

- A) Only I follows
- B) Only II follows
- C) Only III follows
- D) Only II and III follow

100) Which set of symbols from the given alternatives when fitted in order will make the equation correct?

The equation is $3 \times 8 \div 2 \times 0 \div 7 = 5$

- A) + , \times , - , \div
- B) \times , - , + , \div
- C) + , \div , - , \times
- D) \times , \div , + , -

Section 6 : Computer Applications

101) Which of the following storage devices operate using sequential access?

- A) Tape
 - B) DVD
 - C) FLASH drive
 - D) Disk
-

102) HTTP is the underlying protocol used by the World Wide Web and this protocol defines how messages are formatted and transmitted, and what actions Web servers and browsers should take in response to various commands.

HTTP stands for

- A) Hypertext Transfer Protocol
 - B) Hypertext Transfer Program
 - C) High Text Transfer Protocol
 - D) Hypertext Transition Protocol
-

103) In MS Access 2013, the maximum number of characters that can fit in Short text data type is

- A) 127
- B) 128
- C) 255
- D) 250

104) Which of the following MS-Access objects allows to create a desktop database designed primarily for data Input or display or for control of application execution?

- A) Form
 - B) Tab
 - C) Control
 - D) Report
-

105) Which of the following options is used to request and display web pages from web server?

- A) Link
 - B) Browser
 - C) Host
 - D) Router
-

106) Which of the following scheduling algorithms suffers from convoy effect?

- A) Round Robin algorithm
 - B) First Come First Serve algorithm
 - C) Shortest Job First algorithm
 - D) Priority algorithm
-

107) 1GB = ?

- A) 1000 x1KB
- B) 1024 x2MB
- C) 1024 x 1024 X 1024KB
- D) 1 X 1024MB

108) A small piece of code which is used to initialize all devices as soon as power is switched on is known as

- A) Blackstrap
 - B) Bootstrap
 - C) Boot Sector Virus
 - D) Device driver
-

109) Which of the following windows operating system mode operation provides us with the means for protecting the operating system from errant users?

- A) exit
 - B) dual
 - C) trap
 - D) debug
-

110) With respect to CPU, data stored in which among the following storage devices can be accessed quickly?

- A) Secondary Storage
 - B) ROM
 - C) Flash drives
 - D) Registers
-

111) Which of the following devices is used to read magnetic stripes?

- A) Chip reader
- B) Bar stripe reader
- C) Magnetic stripe reader
- D) MICR stripe scanner

112) Which of the following electronic components are NOT part of Integrated Circuits?

- A) Vacuum Tube
 - B) Transistors
 - C) Diodes
 - D) Capacitors
-

113) Which of the following input devices has a stick with a spherical ball at both its lower and upper ends and it can make playing games easier?

- A) Joystick
 - B) Mouse
 - C) Pen
 - D) Keyboard
-

114) Choose the correct HTML tag for the largest heading.

- A) H4
 - B) H3
 - C) H2
 - D) H1
-

115) To boot a computer means loading computer with

- A) Compiler
- B) Linker
- C) Assembler
- D) Operating System

116) Identify the volatile memory from the following options.

- A) ROM
 - B) Hard Disk
 - C) RAM
 - D) Pen Drive
-

117) The file extension of MS Word 2016 document is

- A) .txt
 - B) .docx
 - C) .pptx
 - D) .wrdx
-

118) Old version of MS Access file extension is changed from .mdb to

- A) .mdc
 - B) .mfc
 - C) .net
 - D) .accdb
-

119) Both M:M and Two-level models require communication to maintain the appropriate number of kernel threads allocated to the application. This can be achieved by using

- A) Lightweight processor
- B) Light processor
- C) Logical Processor
- D) Microprocessor

120) Binary Buddy System Is based on

- A) Power of 3 allocator
- B) Power of 4 allocator
- C) Power of 2 allocator
- D) Power of 5 allocator

Answer Key

1	D	31	B	61	A	91	D
2	A	32	A	62	B	92	B
3	A	33	C	63	C	93	B
4	C	34	B	64	A	94	C
5	D	35	C	65	B	95	C
6	C	36	D	66	B	96	D
7	B	37	B	67	B	97	A
8	A	38	C	68	C	98	B
9	D	39	B	69	D	99	C
10	A	40	C	70	D	100	D
11	A	41	A	71	C	101	A
12	D	42	D	72	C	102	A
13	C	43	B	73	B	103	C
14	C	44	C	74	D	104	A
15	B	45	A	75	B	105	B
16	A	46	D	76	A	106	B
17	D	47	D	77	C	107	D
18	D	48	B	78	C	108	B
19	B	49	B	79	A	109	B
20	A	50	A	80	C	110	D
21	B	51	C	81	A	111	C
22	B	52	D	82	A	112	A
23	D	53	B	83	C	113	A

24	C	54	B	S4	A	114	D
25	C	55	C	85	C	115	D
26	B	56	C	86	D	116	C
27	A	57	D	87	C	117	B
28	A	58	B	88	D	118	D
29	A	59	B	89	B	119	A
30	A	60	B	90	D	120	C

JKSSB Graduate Level 2018 Question Paper

(Exam Held in May, 2018)

Section 1 – General English

1) Choose the coordinating clause in the given sentence:

The sports men get up early because they exercise in the morning.

- A) The sports men
 - B) The sports men get up early
 - C) The sports men get up early and
 - D) because they exercise in the morning
-

2) Choose the correct article to complete the sentence

Have you ever seen _____ Taj Mahal in Agra?

- A) a
 - B) an
 - C) the
 - D) No article required
-

3) Choose the correct article to complete the sentence:

Tenzing was _____ first man to climb Mount Everest in 1953.

- A) the
- B) a
- C) No article required.
- D) an

4) Fill in the blank with the correct word option:

He is not coming this _____ because he is still feeling_____.

- A) weak, week
 - B) weak, weak
 - C) week, week
 - D) week, weak
-

5) Choose the correct Modal to complete the sentence:

It was clearly instructed that the attendees _____ wear a formal dress.

- A) must
 - B) may
 - C) can
 - D) could
-

6) Choose the correct Modal to complete the sentence:

The landlord_____set tough terms and conditions before he rents out his flat.

- A) must
- B) may
- C) can
- D) would

7) Fill in the blank with the correct word option:

The rabbit ate the _____ carrot, hiding in his _____

- A) hole, whole
 - b) whole, hole
 - C) hole, hole
 - D) whole, whole
-

8) Choose the correct tense to complete the sentence:

I _____ down the lane for quite some time.

- A) have walk
 - B) had walking
 - C) had been walking
 - D) have been walk
-

9) Fill in the blanks with the correct option:

If we are late we will simply _____ any seats that is available _____ the one behind the driver.

- A) accept, except
 - B) except, except
 - C) accept, accept
 - D) except, accept
-

10) Fill in the blanks with the correct option:

He _____ is wise.

- A) who controls his anger
- B) whose anger controls
- C) whom his anger controls
- D) who his anger controls

11) Choose the correct proposition to complete the sentence:

The dog sat _____ the tree.

- A) besides
 - B) through
 - C) bononth
 - D) beyond
-

12) Choose the correct Modal to complete the sentence:

The librarian said to the students, " You _____ not speak loudly."

- A) can
 - B) would
 - C) must
 - D) might
-

13) Identify the meaning of the underlined idiom:

I have done enough; now the ball is in your court.

- A) It is up to you to make the contribution
 - B) It is up to you to work hard
 - C) It is up to you to make the conclusion
 - D) It is up to you to make the next decision or step
-

14) Choose the correct meaning of the underlined Idiom:

The actor got very emotional and broke down in the middle of his speech.

- A) failed
- B) wept
- C) panicked
- D) shouted

15) Rearrange the following words to make a meaningful sentence:

Published/ well /is/ a/ poet/ Gorden

- A) Gorden is a well published poet.
- B) Poet is a well published gorden.
- C) Well published poet gorden is.
- D) Published well is a poet gorden.

Section 2: GK and Current Affairs

16) Which of the following rivers originates at Mahabaleswar in Maharashtra?

- A) Indus
 - B) Brahmaputra
 - C) Yamuna
 - D) Krishna
-

17) The Mahanadi River system is the third largest in the peninsula of India and the largest river of

- A) Haryana
 - B) Assam
 - C) Karnataka
 - D) Odisha
-

18) The first commercial train journey in India between Bombay and Thane was in the year

- A) 1757
 - B) 1863
 - C) 1853
 - D) 1894
-

19) The South Asian Association for Regional Cooperation (SAARC) comprises of eight Member States. Which of the following is one of the Member States?

- A) Indonesia
- B) Cambodia
- C) Laos
- D) Maldives

20) The first expedition to reach South Pole was a party of Norwegian explorers under the command of

- A) Richard Weber
 - B) Roald Amundsen
 - C) Robert Edwin Peary
 - D) Matthew Henson
-

21) For her novel 'The Inheritance of Loss', who won the Man Booker Prize in the year 2006?

- A) Arundhati Roy
 - B) Kiran Desai
 - C) Bharati Mukherjee
 - D) Anita Nair
-

22) Table sugar is the commonly used sweetener in households. The chemical name for this sugar is:

- A) Sucrose
 - B) Glucose
 - C) Dextrose
 - D) Maltose
-

23) Cell phones (including smartphones) give off energy known as

- A) gamma rays
- B) x-rays
- C) radiofrequency waves
- D) microwaves

24) Tropic of Cancer does NOT pass through which of the following states in India?

- A) Jharkhand
 - B) Rajasthan
 - C) Chattisgarh
 - D) Uttar Pradesh
-

25) "The Faravahar" is one of the best-known symbols of

- A) Hinduism
 - B) Christianity
 - C) Zoroastrianism
 - D) Islam
-

26) El Salvador, officially the Republic of El Salvador, is the smallest and the most densely populated country in Central America. Its capital is

- A) San Salvador
 - B) Man Salvador
 - C) Tan Salvador
 - D) San Salvador
-

27) United Nations Security Council is composed of 15 members, 5 permanent and 10 non-permanent. The permanent members are:

- A) China, India, France, Germany and Japan
- B) China, France, Russian Federation, the United Kingdom, and the United States of America
- C) Egypt, France, Russian Federation, the United Kingdom, and Japan
- D) China, Uruguay, Russian Federation, the United Kingdom, and Italy

28) Ozone acts as an air pollutant and becomes harmful to the living organisms when present in which of the following layers of the atmosphere?

- A) Ionosphere
 - B) Troposphere
 - C) Stratosphere
 - D) Mesosphere
-

29) Who among the following was the first Indian Governor General of India?

- A) Dadabhai Naoroji
 - B) Sardar Vallabhbhai Patel
 - C) Chakravarti Rajagopalachari
 - D) Louis Mountbatten
-

30) The first woman to scale Mount Everest and to ascend the highest summit of every continent was

- A) Bachendri Pal
 - B) Mira Sen
 - C) Junko Tabei
 - D) Yasuko Namba
-

31) A war was fought between the East India Company and the army of Siraj-ud-daulah in the year 1757. This battle was known as:

- A) Battle of Panipat
- B) Battle of Tarain
- C) Battle of Plassey
- D) Battle of Chandawar

32) The formation of patina on copper results in which of the following colours?

- A) Magenta
 - B) White
 - C) Red
 - D) Green
-

33) Lewis Hamilton clinched the Formula One World Championships at the Mexican Grand Prix in October 2017. This is his

- A) fourth world title
 - B) third world title
 - C) fifth world title
 - D) second world title
-

34) The loudness of sound is measured in units called:

- A) Hertz
 - B) Ohms
 - C) Decibels
 - D) Moles
-

35) As of June 2014, the 29th and the youngest state in Union of India is

- A) Uttarakhand
- B) Puducherry
- C) Telangana
- D) Daman

36) A Brief History of Time", a modern classic, to help non-scientists understand fundamental questions of physics and our existence was written by

- A) Stephen Hawking
 - B) Richard Feynman
 - C) Albert Einstein
 - D) James Watson
-

37) The first war of Indian independence also known as the Indian Sepoy Mutiny against the British broke out in the year

- A) 1947
 - B) 1857
 - C) 1877
 - D) 1907
-

38) Which of the following plants belongs to the grass family?

- A) Bamboo
 - B) Alicia
 - C) Aloe Vera
 - D) Hibiscus
-

39) The South Asian Association for Regional Cooperation (SAARC) Council of Ministers met in an informal session on 21 September 2017 in

- A) New Delhi
- B) New York
- C) London
- D) Paris

**40) Khashaba Jadhav won an Individual
Olympic Bronze Medal at the 1952, Summer
Olympics held In:**

- A) Melbourne
- B) Helsinki
- C) Tokyo D) Munich

Section 3 : GK About J and K

41) The Jammu and Kashmir RTI Act, 2000 gives you the right to access to Information held by public authorities. In this regard which is the INCORRECT option pertaining to the definition of public authorities as mentioned in the act?

- A) Established or constituted by or under the Constitution of India or the Constitution of Jammu and Kashmir
 - B) Established or constituted by a law of Parliament or the Legislature of Jammu and Kashmir
 - C) Established or constituted by a notification or order of the State Government
 - D) Established Private sector organisation functioning in Jammu and Kashmir
-

42) Which of the following rivers runs across the Ladakh area of Jammu and Kashmir and is a branch of Suru River?

- A) Doda
- B) Drass
- C) Ravi
- D) Shingo

43) Which of the following exquisite mountain stream flows through the valleys between the beautiful Chinamarg and Nurpur Pass in the state of Jammu Kashmir?

- A) Yousmarg
 - B) Baisaran
 - C) Ferozpur Nallah
 - D) Betaab valley
-

44) Which of the following historical places is located on the banks of Tawi river in the state of Jammu and Kashmir?

- A) Bhimgarh Fort
 - B) Mughal Gardens
 - C) Bahu Fort
 - D) Raghunath Temple
-

45) Pari Mahal located on top of Mountain Zabarwan in the state of Jammu and Kashmir was established by which of the following historical figures?

- A) Aurangzeb
- B) Shahjahan
- C) Dara Shikoh
- D) Akbar

46) In the earliest recoded History, Buddhism in Kashmir was introduced by emperor Ashoka in which century?

- A) 6th Century AD
 - B) 5th Century BC
 - c) 3rd Century BC
 - D) 7th Century AD
-

47) Which of the following is an INCORRECT option pertaining to the railway stations located on 326 kms USBRL Project of Northern Railway in Jammu And Kashmir State?

- A) Baramulla
 - B) Katra
 - C) Leh
 - D) Srinagar
-

48) Which among the following articles of the Constitution of Jammu and Kashmir is related to the formation of Cottage Industry in the state?

- A) Article 17
 - B) Article 44
 - C) Article 32
 - D) Article 59
-

49) In the history of Jammu and Kashmir the ruler of Darvabhisara named Samgramaraja belonged to which of the following dynasties?

- A) Kutumbi
- B) Lohara
- C) Utpala
- D) Huna

50) On October 1947, who among the following was appointed as the Emergency Administrator for the state of Jammu and Kashmir by Maharaja Hari Singh?

- A) Yuvaraj Karan Singh
 - B) Sheikh Abdullah
 - C) Bakshi Ghulam Mohammed
 - D) Ghulam Mohammed Sadiq
-

51) Which among the following is an oxbow type of lake of Jammu and Kashmir and has probably originated by the meandering of the alluvial deposits?

- A) Dal Lake
 - B) Ahansar Lake
 - C) Nilnag Lake
 - D) Sheikhsar Lake
-

52) Sawalkote hydropower project of Jammu and Kashmir is located in which of the following river basins?

- A) Beas
 - B) Sutlej
 - C) Jhelum
 - D) Chenab
-

53) The kings named Toramana and Mihirakula belonged to which dynasty in the history of Jammu and Kashmir?

- A) Gonandiyā
- B) Utpala
- C) Huna
- D) Kutumbi

54) The Chillai Kalan, the Chillai Khurd, and the Challai Bache are related to which of the following aspects of the Jammu and Kashmir state?

- A) Roaring winds from Srinagar to Ladakh
 - B) Division of the most severe parts of winter in Kashmir
 - C) Local sweet dishes prepared during festival season in Kashmir
 - D) Three phases of 1000 MW power station situated at Ganderbal
-

55) Which of the following is true about the historical personality 'Kalhana' with respect to Jammu and Kashmir region?

- A) He was the First Home Minister of Jammu and Kashmir state
 - B) He was a santoor player, an ancient stringed musical instrument
 - C) He wrote 'Rajatarangini' that records complete history of kings of Jammu and Kashmir
 - D) He served under the king Pratap Singh of Jammu and Kashmir.
-

56) The source of which of the following rivers is the Kailash Kund Spring at Soej hills in Bhaderwah town of the Jammu and Kashmir state?

- A) Kishan Ganga
- B) Indus
- C) Tawi
- D) Jhelum

57) What is the full form of JKSPDC pertaining to state of Jammu and Kashmir?

- A) Jammu and Kashmir State Power Development Corporation
 - B) Jammu and Kashmir State Atrocities Prevention Department and Congregation
 - C) Jammu and Kashmir State Power Department and Corporation
 - D) Jammu and Kashmir Structural Program for Development and Cooperation
-

58) Which of the following power project in Jammu and Kashmir is located on Suru river which is also a tributary of the river Indus?

- A) Bursar Hydroelectric Power Plant
 - B) Kwar Hydroelectric Power Plant
 - C) Chutak Hydroelectric Power Plant
 - D) Uri Hydroelectric Power Plant
-

59) In the RTI Act, 2009 of Jammu and Kashmir state, under the Right to Information Rules 2012 'Appeal Procedure' is mentioned in which of the following chapters?

- A) Chapter I
- B) Chapter II
- C) Chapter III
- D) Chapter VI

60) The construction of Raghunath Temple in Jammu was started by which of the following rulers in the history of Jammu and Kashmir?

- A) Pratap Singh
- B) Hari Singh
- C) Ranjit Singh
- D) Gulab Singh

Section 4 :General Science

61) A freely falling body under the pull of the Earth has a

- A) Random acceleration
 - B) Infinite acceleration
 - C) Variable acceleration
 - D) Uniform acceleration
-

62) The gas which is stable without octet configuration is

- A) Argon
 - B) Helium
 - C) Radon
 - D) Neon
-

63) The inertia of a body depends on its

- A) volume
 - B) mass
 - C) area
 - D) shape
-

64) The macronutrient needed for plants is

- A) Copper
- B) Iron
- C) Zinc
- D) Potassium

65) Isotones is defined as the atoms of different elements containing same number of

- A) electrons
 - B) protons
 - C) neutrons
 - D) nucleons
-

66) Electronic configuration of Sodium is

- A) 8,2,1
 - B) 2,1,8
 - C) 2,8,1
 - D) 1,8,2
-

67) Electric potential difference is known as

- A) Current
 - B) Resistance
 - C) Conductance
 - D) Voltage
-

68) Identify the unit of resistance among the following. (Symbols/notations) carry their usual meanings)

- A) Mho
- B) S
- C) Ohm
- D) Ohm⁻¹

69) The scientist who said that "an object in motion will remain in same motion as long as no external force is applied" is

- A) Newton
 - B) Dalton
 - C) Galileo
 - D) Aristotle
-

70) Which of the following is a renewable resource?

- A) Petrol
 - B) LPG
 - C) Coal
 - D) Wind
-

71) Which of the following law states "matter is neither created nor destroyed during a chemical reaction"?

- A) Constant proportion
 - B) Conservation of mass
 - C) Disproportion
 - D) Invisible particles
-

72) The distance travelled by an object in a specified direction is

- A) Displacement
- B) Acceleration
- C) Velocity
- D) Speed

73) Which of the following is the CORRECT ascending sequence of food chain?

(The notation Grass<Frog means Frog eats Grass and this notation is followed)

- A) Grass<Frog<Snake<Grasshopper
 - B) Grass<Grasshopper<Snake<Frog
 - C) Grass<Grasshopper<Frog<Snake
 - D) Grass<snake<Grasshopper<Frog
-

74) If the net force acting on an object is zero, then the body is known to be in the state of

- A) motion
 - B) uniform motion
 - C) equilibrium
 - D) inertia motion
-

75) Which among the following belongs to autotroph?

- A) Lion
 - B) Cow
 - C) Grass
 - D) Cat
-

76) Which of the following disease results from the breakdown of collagen?

- A) Beriberi
- B) Scurvy
- C) Blindness
- D) Anaemia

77) Which among the following is a less polluting fuel with respect to global emissions?

- A) Coal
 - B) Petrol
 - C) Natural gas
 - D) Kerosene
-

78) Which among the following is a Greenhouse gas?

- A) Nitrogen
 - B) Methane
 - C) Oxygen
 - D) Sulphur dioxide
-

79) Which of the following devices converts electrical energy to sound?

- A) Loudspeaker
 - B) Solar cell
 - C) Wind turbine
 - D) Microphone
-

80) Which of the following battery is a primary battery?

- A) Lead acid
- B) Nickel-Metal Hydride
- C) Lithium
- D) Nickel-Cadmium

Section 5 : Mental Ability Test

81) Sudhir left home for school, in the morning He walked 1 Km Straight ahead just after crossing the front gate of his house. Then turned Left and went 2 Km. Henceforth he turned right to walk 1 km straight and finally reached school by facing towards south when crossing the gate of his school. When he returned back by the same route, at which direction was he facing just before entering his house?

- A) East
 - B) North-East
 - C) South-West
 - D) North
-

82) Direction to answer the question:

- (i) Seven students P, Q, R, s, T, U and V take a series tests.**
- (ii) No two students get the same marks.**
- (iii) V always scores more than P.**
- (iv) P always scores more than Q.**
- (v) Each time either R scores the highest and T gets the least, or alternatively S scores the highest and U or Q scores the least.**

If R is ranked 2nd and Q is ranked 5th, which of the following must be true?

- A) S is ranked 3rd
- B) T is ranked 6th
- C) P is ranked 6th
- D) V is ranked 4th

83) The missing term in the series DG30,_____, L0182 , PS306 , TW462 is

- A) HK76
 - B) HK90
 - C) IJ118
 - D) IK60
-

84) A total of 324 coins of 20 paise and 25 paise make a sum of Rs.71. The number of 25 paise coins is

- A) 120
 - B) 124
 - C) 144
 - D) 200
-

85) Directions to answer: In each of the questions there are some statements followed by pair of conclusions given. You have to take the given statements to be true even if they seem to be at variance from commonly known facts, then select one proper alternative.

Statements:

- All men are married.
- Some men are vegetarian.

Conclusions:

- I. Some married are vegetarian.
- II. Some vegetarian are married.
- A) Only I follow.
- B) Only II follows.
- C) Either I or II follows.
- D) Both I and II follow.

86) A+B means A is the mother of B, A-B means A is the brother of B, $A \div B$ means A is the father of B and $A \times B$ means A is the sister of B. Which of the following states 'P is the maternal uncle of Q'?

- A) $Q-N+M \times P$
 - B) $P+S \times N-Q$
 - C) $P-M+N \times Q$
 - D) $Q-S \div P$
-

87) In a certain code, PAPER is written as SCTGW. The word MOTHER can be written in that code as

- A) ORVLGW
 - B) PQVJGT
 - C) PQXJJT
 - D) PQXKJV
-

88) A ship sails out from jetty to a mark at the rate of 15 km/hr. and sails back to jetty at the rate of 10km/hr. The average speed of sailing is

- A) 5 km/hr
- B) 12 km/hr
- C) 12.5 km/hr
- D) 25 km/hr

89) A train takes 18 seconds to pass through a station, 162 metres long and 15 second to pass through another station 120 metres long. The length of the train is

- A) 90 metres
 - B) 95 metres
 - C) 100 metres
 - D) 105 metres
-

90) At present a father is thrice as old as his son. After 10 years the sum of their ages will be 100 years. The present age of the father is

- A) 20 years
 - B) 60 years
 - C) 80 years
 - D) 90 years
-

91) The number of terms in the series 201, 208, 215, _____, 369 is

- A) 23
- B) 24
- C) 25
- D) 26

92) Directions to answer: In each of the questions there are some statements followed by pair of conclusions given. You have to take the given statements to be true even if they seem to be at variance from commonly known facts, then select one proper alternative.

Statements:

All windows are doors.

No door is bin.

Conclusions:

I. No window is bin.

II. Some windows are bin.

A) Only I follows.

B) Only II follows.

C) Either I or II follows.

D) Neither I nor II follows.

93) In each of the questions a statement/some statements followed by some conclusions have been inferred. Decide which of the conclusions can be implied from the statement/statements by selecting a proper alternative

Statement

Wealth is the root cause of all the problems in the Family.

Conclusion

(I) Every Problem is caused by something

(II) There are always some problems in a family.

A) Only I follows.

B) Only II follows.

C) Either I or II follows.

D) Neither I nor II follows.

94) The son of Pritam is the only grandson of Rakesh whose wife Rekha is the sister of Prakash. How can the daughter of Prakash be related to Pritam?

A) Niece

B) Cousin Sister

C) Maternal Uncle

D) Can't be Determined

95) In each of the questions a statement/some statements followed by some conclusions have been inferred. Decide which of the conclusions can be implied from the statement/statements by selecting a proper alternative

Statements:

Some fools are smart.

Some smart are great.

Conclusions:

I. Some fools are great.

II. All great are smart.

A) Only I follows.

B) Only II follows.

C) Neither I nor II follows.

D) Both I and II follow.

96) If DELHI is coded as CCIDD, then we can encode BOMBAY as

A) AJMTVT

B) AMJXVS

C) MJXVSU

D) WXYZAX

97) A man is facing towards west and Turns around 45 Degree clockwise. In which direction is he facing now?

- A) North west
 - B) South West
 - C) North
 - D) East
-

98) In each of the questions a statement/some statements followed by some conclusions have been inferred. Decide which of the conclusions can be implied from the statement/statements by selecting a proper alternative.

Statement:

People love reading thriller stories.

Conclusions:

- I. Thriller stories are the only reading material .
- II. Nobody loves reading any other material.

- A) Only I follows.
 - B) Only II follows.
 - C) Either I or II follows.
 - D) Neither I nor II follows. ,
-

99) In each of the questions a statement/some statements followed by some conclusions have been inferred. Decide which of the conclusions can be implied from the statement/statements by selecting a proper alternative.

Statement:

Manager told the employee, "If you have finished reading the instructions then begin the activities accordingly".

Conclusions:

- I. The employee would understand the instructions.
- II. The employee is capable of performing the activities.

- A) Only I follow.
 - B) Only II follows.
 - C) Neither I nor II follows.
 - D) Both I and II follow.
-

100) The Boarders in a hotel found that the rooms were too few for each to have one, but 2 rooms would remain vacant if each room was occupied by two and 7 rooms would remain vacant if each room was occupied by 4. The number of rooms is

- A) 8
- B) 10
- C) 12
- D) 16

Section 6 : Computer Applications

101) When 1,0 are the two inputs given to the AND, OR gates then outputs respectively are:

- A) 0,0
 - B) 0,1
 - C) 1,0
 - D) 1, 1
-

102) Which of the following is NOT an email client?

- A) Microsoft Outlook
 - B) OS X Mail
 - C) Lotus
 - D) HTTP
-

103) The access time of the primary storage is

- A) slower than secondary storage
 - B) faster than secondary storage
 - C) same as secondary storage
 - D) slower than secondary storage initially and faster after booting
-

104) The length of the register is called as

- A) Word size
 - B) Word Count
 - C) BIT
 - D) BYTE
-

105) What is the extension of a plain text file?

- A) txt
- B) docx
- C) xlsx
- D) ppt

106) The binary number 10101 base 2 into decimal number is

- A) 17
 - B) 21
 - C) 24
 - D) 27
-

107) Which of the following services are NOT provide by operating system?

- A) Memory Management
 - B) People Management
 - C) Device Management
 - D) Process Management
-

108) The term "Bit" stands for

- A) Binary Data
 - B) Binary Digit
 - C) Base Data
 - D) Base Digit
-

109) Which of the following is an example for logical operations?

- A) Addition of two numbers
- B) Multiplication of two numbers
- C) Division of two numbers
- D) Comparison of two numbers

110) Which of the following is an example for Application Software?

- A) MS-DOC
 - B) LINUX
 - C) Adobe Photoshop
 - D) UNIX
-

111) Identify output device among the following.

- A) MICR
 - B) OCR
 - C) Track Ball
 - D) Printer
-

112) Which of the following email field's is used to represent the sender's mail id?

- A) To
 - B) CC
 - C) From
 - D) BCC
-

113) Which of the following is a primary memory?

- A) pen drive
 - B) MAGNETIC tape
 - c) RAM
 - D) LASER DISC
-

114) Which of following output devices is used to draw picture on a paper using a pen?

- A) Laser Printer
- B) Inkjet Printer
- C) Plotter Printer
- D) DeskJet printer

115) We are in which generation of computers?

- A) Fifth
 - B) Second
 - C) Third
 - D) Fourth
-

116) The base value of octal number system is

- A) 2
 - B) 3
 - C) 6
 - D) 8
-

117) Linux is a

- A) Multi user Operating system
 - B) Single user Operating System N
 - C) Real time Operating System
 - D) Batch Processing Operating System
-

118) Which of the following is the process of moving the file from one's own computer to remote computer?

- A) Monitoring
 - B) Uploading
 - C) Downloading
 - D) Extracting
-

119) Thread is a:

- A) Heavy weight process
- B) Light weight process
- C) Multi process
- D) I/O process

120) In which of the following number systems only 1's and 0's exist?

- A) Hexadecimal
- B) Octal
- C) Binary
- D) Decimal

Answer Key

1	D	31	C	61	D	91	C
2	C	32	D	62	B	92	A
3	A	33	A	63	B	93	D
4	D	34	C	64	D	94	B
5	A	35	C	65	C	95	C
6	A	36	A	66	C	96	B
7	B	37	B	67	D	97	A
8	C	38	A	68	C	98	D
9	A	39	B	69	A	99	C
10	A	40	B	70	D	100	C
11	C	41	D	71	B	101	B
12	C	42	D	72	A	102	D
13	D	43	C	73	C	103	B
14	B	44	C	74	B	104	A
15	A	45	C	75	C	105	A
16	D	46	C	76	B	106	B
17	D	47	C	77	C	107	B
18	C	48	A	78	B	108	B
19	D	49	B	79	A	109	D
20	B	50	B	80	C	110	C
21	B	51	B	81	D	111	C
22	A	52	D	82	B	112	C
23	C	53	C	83	B	113	C

24	D	54	B	S4	B	114	C
25	C	55	C	85	D	115	A
26	D	56	C	86	C	116	D
27	B	57	A	87	C	117	A
28	B	58	C	88	B	118	B
29	C	59	C	89	A	119	B
30	C	60	D	90	B	120	C

JKSSB Graduate Level 2017 Question Paper

(Exam Held on 14th Nov, 2017)

Section 1 - General English

1) What does the idiom 'gain ground' mean?

- A) to give excuses
 - B) to get a shelter
 - C) to get a piece of land
 - D) to succeed slowly
-

2) Identify the antonym of the given word:

"BARREN"

- A) desert
 - B) arid
 - C) fertile
 - D) empty
-

3) Fill in the blanks with the correct word pair:

*I saw a _____ snake lying under a box
full of _____ for the office use.*

- A) stationary, stationery
 - B) stationery, stationery
 - C) stationary, stationary
 - D) stationery, stationary
-

4) Fill in the blanks with the correct option:

*The man complained _____ headache but nobody
listened to him.*

- A) of
- B) from
- C) for
- D) to

5) Choose the most appropriate sentence for the given sentence in Indirect or Direct speech:

They said that we cannot live without oxygen.

- A) They said, "That we cannot live without oxygen".
 - B) They said, "We cannot live without oxygen".
 - C) They said, "We could not live without oxygen".
 - D) They said, "They cannot live without oxygen".
-

6) Choose the most appropriate sentence for the given sentence in the Indirect or Direct speech.

Ali said to me, "I am going home".

- A) Ali told to me that he is going home.
- B) Ali told me that I will going home.
- C) Ali told me that he was going home.
- D) Ali told me that I am going home.

7) Fill in the blanks with the correct pronouns:

The mayor wrote a letter to Seema and _____ in which he asked us if we could settle the matter between _____.

- A) me, us
 - B) I, us
 - C) me, we
 - D) myself, ourselves
-

8) Identify the clause of the underlined part of the sentence.

The house across the road, which belongs to Max, is up for rent.

- A) noun clause
 - B) adverb clause
 - C) adjective clause
 - D) verb clause
-

9) Fill in the blanks with the correct Modal

Verb:

Tina watched the movie in Marathi so, _____ understand very much of it.

- A) can't
- B) wouldn't
- C) shouldn't
- D) couldn't

10) Fill in the blanks with the correct option:

_____ President of Sri Lanka will be on a visit to India very soon.

- A) The
 - B) A
 - C) No article
 - D) An
-

11) Fill in the blanks with the correct option:

For protection from rain, one _____ carry an umbrella during the rainy season.

- A) would
 - B) should
 - C) could
 - D) will
-

12) Fill in the blanks with the correct option:

He has promised to meet me at the restaurant in _____ hour.

- A) an
 - B) no article
 - C) the
 - D) a
-

13) Pick out the noun phrase in the following sentence:

A bunch of keys lay on the floor.

- A) lay
- B) lay on the floor
- C) A bunch of keys
- D) A bunch

14) Fill in the blanks with the correct

homophones:

He asked me to keep the things _____ but I could not _____ him properly.

- A) hear, hear
 - B) here, hear
 - C) here, here
 - D) hear, here
-

15) Identify the Synonym of the word given:

ALERT

- A) lethargic
 - B) energetic
 - C) watchful
 - D) inattentive
-

16) Fill in the blanks with the correct option:

The village head brought _____ a reconciliation between the two enemies.

- A) among
 - B) in
 - C) about
 - D) through
-

17) Fill in the blanks and complete the phrase:

They want to win this match _____.

- A) to cost an arm and leg
- B) the best of both worlds
- C) by hook or by crook
- D) once in a blue moon

18) Fill in the blanks with the correct word:

I would _____ all parents to spend quality time with their kids.

- A) advise
 - B) advice
 - C) advising
 - D) advised
-

19) Identify the Antonym of the given word:

MITIGATE

- A) intensify
 - B) compose
 - C) calm
 - D) abate
-

20) Fill in the blanks with the correct Pronouns:

My neighbor lived alone, with _____ to look after _____.

- A) everyone / he
 - B) someone / him
 - C) no one / him
 - D) anyone / himself
-

21) Pick out the main clause in the following sentence:

Even though the fish was covered in exotic spices, Zac refused to eat it.

- A) Even though the fish was covered
- B) Even though the fish was covered in exotic spices,
- C) Covered in exotic spices
- D) Zac refused to eat it

22) Find the correct sentence for the given jumbled words:

poured/ he/ tea / a/into/ some/ cup

- A) He poured into cup some tea a.
- B) He tea poured some into a cup.
- C) Poured he some tea into a cup.
- D) He poured some tea into a cup.

Section 2 - GK and Current Affairs

23) The Nobel Prize in Chemistry 2016 "for the design and synthesis of molecular machines" was awarded jointly to

- A) Jean-Pierre Sauvage, Sir J. Fraser Stoddart and Bernard L. Feringa
 - B) David J. Thouless, F. Duncan, M. Haldane and J. Michael Kosterlitz
 - C) F. Duncan, M. Haldane and David J. Thouless
 - D) F. Duncan, Sir J. Fraser Stoddart and Bernard L. Feringa
-

24) According to Article 27 of the UN Charter, Decisions of the Security Council on all other matters shall be made by an affirmative vote of how many members including the concurring votes of the permanent members?

- A) 7
 - B) 11
 - C) 9
 - D) 5
-

25) Dugongs are enormous vegetarians that can be found in warm coastal waters from East Africa to Australia, including the Red Sea, Indian Ocean, and the Pacific Ocean. They are also known as

- A) Sea Horse
- B) Sea Cow
- C) Water Buffalo
- D) Flying Fish

26) Which lake is called the only Floating lake in the world due to the large amount of floating phumdis on its surface?

- A) Dal Lake
 - B) Wular Lake
 - C) Upper Lake
 - D) Loktak Lake
-

27) In which year the British government in India changed its capital city from Calcutta to Delhi?

- A) 1921
 - B) 1911
 - C) 1931
 - D) 1900
-

28) Selection Committee for Rajiv Gandhi Khel Ratna Award and Arjuna Awards, 2017 was headed by

- A) Pullela Gopichand
- B) K. G. Balakrishnan
- C) Bhupender Singh
- D) C. K. Thakkar

29) What acts as a contact between the buttons and the printed circuit board in a television remote?

- A) Pulses
 - B) Black conductive disk
 - C) Infrared LED
 - D) Magnetic field
-

30) Emma Stone won the award for "Actress in a Leading Role" at Oscars 2017 for

- A) Moonlight
 - B) La La Land
 - C) Manchester by the Sea
 - D) Fantastic Beasts and Where to Find Them
-

31) Shri Ram Nath Kovind was elected as the President of India in July 2017. He is the

- A) 14th President of India
 - B) 13th President of India
 - C) 15th President of India
 - D) 12th President of India
-

32) Leander Paes won Bronze Medal in Men Single's-Tennis at

- A) Barcelona Summer Olympics, 1992
- B) Sydney Summer Olympics, 2000
- C) Athens Summer Olympics, 2004
- D) Atlanta Summer Olympics, 1996

33) As of August 2017, the Chairperson of Central Board of Film Certification is

- A) Prasoon Joshi
 - B) Pahlaj Nihalani
 - C) Leela Samson
 - D) Gautami Tadimalla
-

34) Rast Goftar (Truth Teller) was a Gujarati weekly started by

- A) Mahatma Gandhi
 - B) Dadabhai Naoroji
 - C) Dhirubhai Ambani
 - D) Sardar Vallabhbhai Patel
-

35) Which of the following is NOT one of the eight member states of SAARC?

- A) Afghanistan
 - B) Cambodia
 - C) Maldives
 - D) Bhutan
-

36) Apart from a medal and a citation, Rajiv Gandhi Khel Ratna Awardee, 2017 receives a cash prize of

- A) Rs. 2.5 lakhs
- B) Rs. 7.5 lakhs
- C) Rs. 10 lakhs
- D) Rs. 5 lakhs

37) Which of the following is a major kharif crop in India?

- A) Barley
 - B) Mustard
 - C) Wheat
 - D) Maize
-

38) Who among the following won the gold medal in men's javelin throw F46 at the Rio Paralympics and is the only Indian to have clinched two gold medals in Paralympics?

- A) Mariyappan Thangavelu
 - B) Farman Basha
 - C) Heera Nand Kataria
 - D) Devendra Jhajharia
-

39) Edwin J.F.D'souza won the Akademi Award in 2016 for his novel, 'Kale Bhangar'. In which language is the novel written?

- A) Konkani
 - B) Maithili
 - C) Gujarati
 - D) Santhali
-

40) The Association of Southeast Asian Nations, or ASEAN, was established in Bangkok, Thailand on

- A) 08 August 1969
- B) 08 August 1967
- C) 08 August 1971
- D) 08 August 1973

41) The ASEAN Community Councils comprise Council of all the three pillars of ASEAN, namely the ASEAN Political-Security Community Council, ASEAN Economic Community Council and

- A) ASEAN Socio-Political Community Council
 - B) ASEAN Socio-Economic Community Council
 - C) ASEAN Socio-Cultural Community Council
 - D) ASEAN Economic Cultural Community Council
-

42) In comparison to USD, which currently has the lowest value?

- A) Iranian Rial
 - B) Zambian Kwacha
 - C) Lao Kip
 - D) Vietnamese Dong
-

43) "The Sellout" - winner of The Man Booker Prize 2016 is written by

- A) Olivia Williams
 - B) Paul Beatty
 - C) Amanda Foreman
 - D) Abdulrazak Gurnah
-

44) The winner of the US Open 2017 in Women's Single's category is

- A) Sloane Stephens
- B) Venus Williams
- C) Madison Keys
- D) Elena Vesnina

45) "The Insider", is a novel set against the contemporary political situation in India by

- A) V. V. Giri
 - B) Indira Gandhi
 - C) P. V. Narasimha Rao
 - D) A. P. J. Abdul Kalam
-

46) The Rajiv Gandhi Khel Ratna Award 2016 for shooting was awarded to

- A) Gurpreet Singh
 - B) Jitu Rai
 - C) Nagapuri Ramesh
 - D) Apurvi Chandel
-

47) The predominant and official language of Iran is

- A) Persian
 - B) Urdu
 - C) Irish
 - D) Arabic
-

48) The South Asian Association for Regional Cooperation (SAARC) was established with the signing of the SAARC Charter in Dhaka on

- A) 08 December 1986
- B) 08 December 1985
- C) 08 December 1996
- D) 08 December 1995

50) The important historical events, Gandhi-Irwin Pact, Second Round Table Conference and death of Bhagat Singh, Rajguru and Sukhdev, all took place in the year

- A) 1911
 - B) 1921
 - C) 1931
 - D) 1941
-

51) The Kanwar Taal or Kabar Taal Lake is Asia's largest freshwater oxbow lake located at

- A) Begusarai, Bihar
 - B) Bhandara, Maharashtra
 - C) Barwani, Madhya Pradesh
 - D) Bhilai, Chhattisgarh
-

52) White Water Rafting, one of the world's most captivating adventure activities on River Kundalika is in which of the following states of India?

- A) Maharashtra
- B) Himachal Pradesh
- C) Assam
- D) Uttar Pradesh

Section 3 - GK about J and K

53) Which of the following rivers of Jammu and Kashmir has its source in Verinag spring in Anantnag district?

- A) Jhelum
 - B) Kishan Ganga
 - C) Tawi
 - D) Indus
-

54) According to JKSPDCL, 2016, the estimated hydropower potential of Jammu and Kashmir is 20,000 Megawatts (MW), of which about 16475 MW have been

- A) Ravi Basin
 - B) Chenab Basin
 - C) Jhelum Basin
 - D) Indus Basin
-

55) Which amendment of the Constitution of Jammu and Kashmir replaced "Sadar-i-Riyasat" by Governor?

- A) Twentieth Amendment Act, 1987
- B) Twelfth Amendment Act, 1975
- C) Sixth Amendment Act, 1965
- D) Twenty-ninth Amendment Act, 2002

56) Which of the following is TRUE with respect to the Jammu and Kashmir RTI Act 2009?

- A) Section 20 - Ground for rejection
 - B) Section 7 - Power of government to make rules
 - C) Section 23 - Government to prepare programme
 - D) Section 20 - Protection of action taken in good faith
-

57) Who among the following was the Prime Minister of Jammu and Kashmir during the reign of Maharaja Hari Singh, and later became the third Chief Justice of Supreme Court of India?

- A) Balraj Puri
 - B) Patanjali Sastri
 - C) Mehr Chand Mahajan
 - D) Prem Nath Dogra
-

58) Which of the following is one of the most scenic golf courses in a natural environment created against the dramatic backdrop of Zabarvan Mountains at Chashma Shahi, overlooking the famous Dal Lake?

- A) Prestige Golfshire Club
- B) Willingdon Sports Club
- C) Golden Swan Golf Academy
- D) Royal Springs Golf Course

59) The Directive Principles of State Policy in the Constitution of the State of Jammu and Kashmir does NOT mention which of the following in Right of Women?

- A) The right to equal pay for equal work
 - B) The right to property to married women being divorced
 - C) The right to maternity benefits
 - D) The right to full equality in all social, educational, political and legal matters
-

60) Which of the following is an INCORRECT statement with reference to the Constitution of Jammu and Kashmir?

- A) The Directive Principles of State policy is given in Part IV of the State Constitution
 - B) It has 158 sections divided into 12 parts
 - C) It has seven schedules attached to it
 - D) The constitution is divided into 10 parts
-

61) Hiuen-Tsang, the eminent Chinese traveller visited Kashmir during the rule of which dynasty?

- A) Karakota
- B) Gonanda
- C) Aditya
- D) Utpala

62) Which of the following statement is INCORRECT with respect to the Pakal Dul (Drangdhuran) Hydroelectric Project?

- A) Its proposed location is Kishtwar district of Jammu and Kashmir
 - B) It has an estimated capacity of 2000 MW
 - C) It envisages a 167-metre high concrete face rockfill dam
 - D) It is proposed to be constructed on the Marusudar river
-

63) The Indus Water Treaty was signed at Karachi by Field Marshal Mohammad Ayub Khan, the then President of Pakistan, Shri Jawaharlal Nehru, the then Indian Prime Minister on

- A) 19 September 1960
 - B) 01 March 1960
 - C) 15 September 1960
 - D) 29 September 1960
-

64) Which of the following is a variety of rice grown in Jammu and Kashmir?

- A) Starkrimson
- B) Gold Spur
- C) MM III
- D) K 332

65) The Indian freelance photographer who won the 2016 Wisden–MCC Cricket Photograph of the Year competition is

- A) Saqib Majeed
 - B) Anand Sharma
 - C) Suleiman Khan
 - D) Arshad Hussain
-

66) Which of the following is INCORRECT with reference to Chenani-Nashri Tunnel?

- A) The tunnel is 7 kilometres long
 - B) It is a bi-directional tunnel
 - C) The Chenani-Nashri tunnel, was inaugurated by Prime Minister Narendra Modi
 - D) It is India's first tunnel equipped with world class Integrated Traffic Control System (ITCS)
-

67) The Bag-e-Bahu fort remains to be the oldest and the most iconic of all monumental marvels in Jammu, and was built by

- A) Raja Bahulochan
 - B) Dara Shikoh
 - C) Sampuran Singh
 - D) Mian Hathu
-

68) The waters of river Ravi along with which of the following five rivers keeps India and Pakistan under the Indus Water Treaty?

- A) Beas, Sutlej, Chenab, Jhelum and Indus
- B) Beas, Sutlej, Krishna Sagar, Jhelum and Indus
- C) Beas, Sutlej, Chenab, Tawi and Indus
- D) Beas, Sutlej, Chenab, Jhelum and Tawi

69) Which of the following is INCORRECT with respect to Jammu and Kashmir RTI Act 2009?

- A) Section 15 deals with Powers and Functions of the Information Commission
 - B) Section 14 provides for the Removal of State Chief Information Commissioner
 - C) Section 8 provides for Exemption from Disclosure of Information
 - D) Public Information Officer in any case must reply to RTI application within 35 days
-

70) Which of the following is paired INCORRECTLY?

- A) Dodhpathar - Valley of Milk
 - B) Sonmarg - Meadow of Gold
 - C) Purmandal - Chhota Kashi
 - D) Kupwara - Meadow of Flowers
-

71) Which section of the State Constitution of Jammu and Kashmir gives the State Legislature the right to define permanent residents?

- A) Section 26
 - B) Section 6
 - C) Section 12
 - D) Section 3
-

72) Rajatarangini, ("River of Kings") historical chronicle of early India, was written in Sanskrit verse by

- A) Soch Kraal
- B) Amin Kamal
- C) Kalhana
- D) Vyasa

73) Ranjit Sagar Dam is built across which of the following rivers?

- A) Jhelum
 - B) Ravi
 - C) Ganga
 - D) Chenab
-

74) Which of the following is an INCORRECT statement with respect to the Bag-e-Bahu Fort?

- A) It was built by Raja Bahulochan
 - B) It is believed to be approximately 3000 years old
 - C) It was revamped by the Kings of the Dogra Dynasty
 - D) It is beside the Jhelum River
-

75) Under the leadership of Late Sheikh Mohd Abdullah, J&K Muslim Conference converted into "All J&K National Conference" in the year

- A) 1942
 - B) 1945
 - C) 1931
 - D) 1939
-

76) Khardung La, believed to be one of the highest motorable roads in the world is best known as the gateway to

- A) Ketti Valley
- B) Chopta Valley
- C) Nubra Valley
- D) Habban Valley

Section 4 - General Science

77) Rayleigh waves are a type of surface wave that travel near the surface of solids. These waves include

- A) transverse waves only
 - B) both longitudinal and transverse waves
 - C) longitudinal waves only
 - D) electromagnetic waves
-

78) Ozone molecules absorb UV light between 310 and 200 nm, following which ozone splits into a molecule of

- A) O₂ and oxygen atom
 - B) atomic oxygen
 - C) tetraoxygen
 - D) solid oxygen and O₄
-

79) Which of the following statements is INCORRECT regarding an ecosystem?

- A) Energy flow in an ecosystem is unidirectional
- B) Mineral flow in an ecosystem is non-cyclic
- C) Cyclic flow of nutrients from living organisms to non-living environment is achieved by the activity of decomposers
- D) The trophic structure of an ecosystem can be depicted graphically through ecological pyramids

80) Water gets conducted from soil to roots of the plants when

- A) concentration of dissolved solutes in soil is higher than that in root hair cytoplasm
 - B) water potential of soil is higher than that in root hair cytoplasm
 - C) water potential of soil is less than that in root hair cytoplasm
 - D) concentration of dissolved solutes is equal in soil and root hair cytoplasm
-

81) Liquids are used in car brake systems because they are

- A) incompressible and can flow easily
 - B) compressible but cannot flow
 - C) incompressible and cannot diffuse into another liquid
 - D) compressible and can flow easily
-

82) Which of the following components of a galvanic cell is negatively charged?

- A) Anode only
- B) Cathode only
- C) Anode and Cathode
- D) Salt bridge

83) Global Warming Potential (GWP) is the relative radiative effect of equal emissions of each greenhouse gas, taking into consideration the length of time they remain in the atmosphere. With which is GWP related?

- A) Carbon dioxide
 - B) Nitrous oxide
 - C) Methane
 - D) Carbon monoxide
-

84) Which of the following activities depicts the in-stream use of water?

- A) Hydroelectric power generation
 - B) Industrial cooling
 - C) Irrigation
 - D) Public water supply
-

85) The power of wind over an area in Wind Energy Conversion Systems (WECS) is a function of

- A) wind speed, density of moving air and area of moving air
- B) wind speed and swept area
- C) density of moving air and swept area
- D) wind speed and density of moving air

86) "itai- itai" is a disease characterized by multiple fractures and deformities of the spine and the long bones. It is one of the most extreme forms of disease related to

- A) Nickel
 - B) Cadmium
 - C) Mercury
 - D) Lead
-

87) Which of the following diseases is caused due to deficiency of Vitamin B1?

- A) Rickets
 - B) Scurvy
 - C) Beriberi
 - D) Rheumatoid arthritis
-

88) The Ganga action plan was launched by Shri Rajiv Gandhi, the then Prime Minister of India on 14 January 1986, with the main objective of pollution abatement. Which of the following was NOT one of its objectives?

- A) Resource recovery options like production of methane for energy generation
- B) Rehabilitation of Payara fish for pollution abatement of river
- C) Control of non-point pollution from agricultural runoff, human defecation
- D) Research and Development to conserve the biotic, diversity of the river to augment its productivity

89) Pellagra is a disease caused due to the deficiency of Vitamin

- A) B2 Riboflavin
 - B) B12 Cobalamin
 - C) B3 Niacin
 - D) B1 Thiamine
-

90) Atoms have sizes in the order of 1-5 Å. The value of 1 Å is equal to

- A) 10-9 m
 - B) 10-10 m
 - C) 10-15 m
 - D) 10-12 m
-

91) Which of the following is NOT one of the steps of cellular respiration?

- A) Photophosphorylation
 - B) Citric Acid Cycle
 - C) Glycolysis
 - D) Oxidative Phosphorylation
-

92) Which gas was responsible for the Bhopal Gas Tragedy that took place on December 2, 1984?

- A) Methylamine
- B) Methyl isocyanate
- C) Carbon monoxide
- D) Phosgene

93) Which of the following is CORRECT about the properties of crystalline and amorphous solids?

- A) Crystalline solids do not have sharp melting point while amorphous solids have sharp melting point
 - B) Crystalline solids do not have definite heat of fusion while amorphous solids have high and fixed heat of fusion
 - C) Crystalline solids are irregular while amorphous are regular in geometry
 - D) Crystalline solids are anisotropic while amorphous are isotropic in nature
-

94) The Dobson Unit (DU) is used for measuring ozone concentration in the atmosphere. One DU represents the number of molecules of ozone that would be required to create

- A) 10 mm thick layer of pure ozone at a temperature of 0 °C and a pressure of 1 atmosphere
- B) 0.1 mm thick layer of pure ozone at a temperature of 0 °C and a pressure of 1 atmosphere
- C) 0.01 mm thick layer of pure ozone at a temperature of 0 °C and a pressure of 1 atmosphere
- D) 1 mm thick layer of pure ozone at a temperature of 0 °C and a pressure of 1 atmosphere

95) Which of the following is an example of Non-Ohmic conductor?

- A) Silver
 - B) Copper
 - C) Liquid electrolyte
 - D) Manganin
-

96) The walls of the alimentary canal from the oesophagus to rectum consists of four layers namely serosa, muscularis, sub-mucosa and mucosa. The layer that forms villi is

- A) serosa
 - B) sub-mucosa
 - C) mucosa
 - D) muscularis
-

97) A positron is a particle of matter with the same mass as an electron but an opposite charge. It was discovered by

- A) Carl David Anderson
 - B) Segre and Weigand
 - C) ukawa and Kemmer
 - D) Enrico Fermi
-

98) Solar photovoltaics that converts sunlight into electricity are made up of cells of:

- A) Strontium
- B) Palladium
- C) Platinum
- D) Silicon

99) A helicopter uses thrust to push the air under the propeller down, and therefore lift off the ground. Which law of Newton explains this observation?

- A) Third law
- B) First law
- C) Universal Gravitational law
- D) Second law

Section 5 - Mental ability

100) The tourism minister announced several concessions on tour packages for American visitors.

Conclusions:

I. More number of American tourists will visit India.

II. Now, the government is focusing on the area of tourism.

- A) Only conclusion I follows
 - B) Only conclusion II follows
 - C) Both I and II follow
 - D) Neither I nor II follows
-

101) In a certain language STUDENT is written as TNEDUTT. How is GRADUATE written in that code?

- A) ETAUDAGR
- B) ETAUDAHR
- C) ETAUDARG
- D) ETAUDARH

102) Statement: The Central Government of India has announced free education for OBC students in government schools.

Conclusions:

I. More OBC students will take admission in government schools

II. Students will not study in schools

- A) Both I and II follow
 - B) Only conclusion I follows
 - C) Neither I nor II follows
 - D) Only conclusion II follows
-

103) A is the daughter of D. D is the wife of C's only son B. How is C related to A?

- A) Grandfather
 - B) Son
 - C) Cannot be determined
 - D) Grandmother
-

104) Find the missing term in the series. 10/13, 10/15, 10/17, ?, 10/21

- A) 10/23
- B) 10/19
- C) 10/20
- D) 10/18

105) A 140 metre long metro train is running at the speed of 54 km/hr. It will cross a metro station platform 160 metre long in

- A) 10 seconds
 - B) 15 seconds
 - C) 20 seconds
 - D) 5 seconds
-

106) Muskan is 13th from the right end in a row of 50 girls. What is her position from the left end ?

- A) 12
 - B) 37
 - C) 38
 - D) 24
-

107) Read the following information carefully and answer the question given below:

- (i) $H + P$ means H is the father of P*
- (ii) $H - P$ means H is the mother of P*
- (iii) $H @ P$ means H is the son of P*
- (iv) $H \# P$ means H is the sister of P*

How R is related to T in the given expression, R

S - U @ W + T?

- A) Paternal Aunt
- B) Sister
- C) Maternal Aunt
- D) Mother

108) Mr. Rajan's father's mother in law's only daughter's daughter is Seema. How is Rajan related to Seema?

- A) Brother
 - B) Sister
 - C) Father
 - D) Cousin
-

109) This question consists of three statements. Based on the first two statements, the third statement may be TRUE, FALSE, UNCERTAIN or IRRELEVANT. Sohan walks faster than Rahul. Maria walks faster than Sohan. Rahul walks faster than Maria. If the first two statements are TRUE, then the third statement is

- A) TRUE
 - B) IRRELEVANT
 - C) UNCERTAIN
 - D) FALSE
-

110) A car covers a 300 metre long bridge in 10 minutes. What is the speed of car in km/hr?

- A) 2.8
- B) 1.8
- C) 0.8
- D) 18

111) Find the next term of the series. 3, 7, 11, 15, 19,.....

- A) 25
 - B) 21
 - C) 29
 - D) 23
-

112) Find the missing term in the series. L, N, Q, U, ?, F.

- A) C
 - B) Z
 - C) B
 - D) X
-

113) Three of the following are alike in a certain way and so form a group. Which of the following is the one that does NOT belong to the group?

- A) 169
 - B) 121
 - C) 625
 - D) 343
-

114) In a certain language 'girl boy kid' means 'Ha Pa Ta', 'boy uncle child' means 'Ta Su Ki' and 'girl woman kid' means 'Ra Ha Pa'. Which word in that language means 'boy'?

- A) Ra
- B) Ha
- C) Pa
- D) Ta

115) Seema started walking towards South, then took a right turn after walking 4 metres. She then took a left turn after walking 12 metres. In which direction is she facing now?

- A) South
 - B) West
 - C) East
 - D) North
-

116) If COAT is coded as 4 and SHIRT is coded as 5, then what will be the code for ACCESSORIES?

- A) 6
 - B) 10
 - C) 8
 - D) 11
-

117) Find the missing term in the series. 512, 1000, 1728, ? , 4096

- A) 729
 - B) 2744
 - C) 2197
 - D) 1331
-

118) A wall clock shows 9:30 P.M. If the hour hand points to North-East direction, in what direction will the minute hand point?

- A) South
- B) South-East
- C) North-West
- D) West

119) A is the wife of B. C and D are children of B. C is the only daughter of A. How is D related to A?

- A) Daughter
 - B) Sister
 - C) Son
 - D) Brother
-

120) A is shorter than B but taller than C. E is taller than C but NOT shorter than D. H is shorter than D. Who is the shortest among them?

- A) H
 - B) Cannot be determined
 - C) E
 - D) B
-

121) Find the missing term in the series. 3.125, 635, ? , 37.4, 17.48, 13.496.

- A) 14.38
- B) 137
- C) 145
- D) 29.34

122) A group of boys went to a shopping mall and spent Rs. 960 on playing games. If all of them played games and four of them did NOT spend any money, the remaining ones had to pay Rs. 40 each extra. Find the number of boys who played games?

- A) 12
 - B) 16
 - C) 10
 - D) 4
-

123) A truck covers a distance for 5 hours; the first half at 20 km/hr. and second half at 60km/hr. Find the distance.

- A) 250 km
 - B) 120 km
 - C) 150 km
 - D) 220 km
-

124) Harry ranks 16th in a class of 48 students from the top. What is his rank from the last?

- A) 27
- B) 20
- C) 15
- D) 33

Section 6 - Computer Application

125) What are common services provided by an operating system ?

- i) Program execution*
- ii) I/O operations*
- iii) File System manipulation*
- iv) Communication*
- v) Error Detection*

- A) i, ii, iii, iv, v
 - B) Only i and v
 - C) Only i, ii and v
 - D) Only ii, iii and iv
-

126) In MS Excel 2007, which key combination is used to Close a spreadsheet?

- A) SHIFT+T
 - B) CTRL+W
 - C) CTRL+M
 - D) SHIFT+C
-

127) In a standard key board with 101 keys, how many keys are available in Numeric Keypad?

- A) 21
- B) 25
- C) 15
- D) 17

128) In MS Powerpoint 2007, which Key combination is used to Move the cursor to next placeholder (if on slide's last placeholder, this inserts a new slide)?

- A) Alt + M
 - B) Ctrl + Shift + Tab
 - C) Ctrl + Enter
 - D) Ctrl + D
-

129) Which computer used for engineering applications (CAD/CAM), desktop publishing, software development, and other such types of applications requires a moderate amount of computing power?

- A) Super Computer
 - B) PowerfulFrame
 - C) WorkStation
 - D) MainFrame
-

130) A very specific, low-level program for the hardware that allows it to accomplish some specific task is

- A) Processing Unit
- B) Compiler
- C) Motherboard
- D) Firmware

131) What are the components of CPU?

- A) ALU, MU and CU
 - B) LKU, FC and KL
 - C) RLU, GD and RC
 - D) RCA, MB and HD
-

132) In MS Powerpoint 2007, which key combination is used to duplicate the current slide?

- A) CTRL + Shift + R
 - B) CTRL + D
 - C) CTRL + Shift + M
 - D) Alt + K
-

133) What is WWW full form?

- A) World Wide Women's Web
 - B) World Wide Wildlife Web
 - C) World Wide Web Worm
 - D) World Wide Women's Week
-

134) Based on the implementation of threads, Operating System classifies the threads as

- A) Mainframe and Motherboard Level
- B) Kernel and User Level
- C) Security and Memory Level
- D) OS and CPU Level

135) What are the differences between Internet and Intranet?

- A)** Intranet is not as safe as Internet. Internet can be safely privatized as per the need.
 - B)** Intranet is general to PCs all over the world whereas Internet is specific to few PCs.
 - C)** Internet sites are accessible via the web browser in a similar way as websites in the intranet, however, only members of internet network can access intranet hosted sites.
 - D)** Internet provides a wider and better access to websites to a large population, whereas Intranet is restricted.
-

136) Which of the following act as platform to connect all components of computers with each other

- A) Display Card
 - B) RAM
 - C) Motherboard
 - D) Processor
-

137) Which is correct option from below mentioned points?

- A) Software cannot be utilized without supporting hardware
- B) Software development is not expensive and is a continuing expense
- C) Hardware is a every-time expense
- D) Hardware acts as an interface between the user and the software

138) What are major activities of an operating system with respect to resource management?

- A) OS provides authentication features for each user by means of passwords.
 - B) OS ensures that external I/O devices are protected from invalid access attempts.
 - C) OS constantly checks for possible error and the OS takes an appropriate action to ensure correct and consistent computing.
 - D) OS manages all kinds of resources using schedulers & CPU scheduling algorithms are used for better utilization of CPU.
-

139) Select the set of Secondary storage devices.

- A) Hard disk, CD, DVD, Pen Drive
 - B) CPU, Hard disk, CD, Pen Drive
 - C) Keyboard, Mouse, Pen Drive
 - D) CPU, Hard disk, CD, DVD
-

140) In a Two-State Process Model of the operating system, what are the two states?

- A) Waiting and Blocking
- B) Running and Not Running
- C) Execute and Free
- D) Stop and Pause

141) Identify transport layer and application layer protocol from the following in the same sequence.

- A) IP and HTTP
 - B) UDP and TCP
 - C) TCP and FTP
 - D) HTTPS and FTP
-

142) An input device used to read any printed text is

- A) CADE
 - B) MICR
 - C) OCR
 - D) JOYSTICK
-

143) What are features of application software?

- A) Generic usability, Reliability and Supported environment
 - B) More interactive, Close to the user, Generally written in high-level language
 - C) Easy to carry, Installation is Complex
 - D) Low Level Language, Easy to install and highly compact
-

144) In MS Excel 2007, which key combination is used to display the font dialog box?

- A) Alt + Shift + Down arrow
- B) Alt + Shift + Left arrow
- C) Shift + F9
- D) Ctrl + Shift + F

145) Identify different types of Schedulers in Operating System?

- A) Close-Term Scheduler and Pause-Term Scheduler
 - B) Medium-Term Scheduler and Run-Term Scheduler
 - C) Long-Term Scheduler and Short-Term Scheduler
 - D) Middle-Term Scheduler and Top-Term Scheduler
-

146) In MS Excel 2007, which key combination is used to hide the selected columns?

- A) Alt + Shift + Down arrow
 - B) CTRL + 0
 - C) Alt + Enter + K
 - D) CTRL + ALT + M
-

147) Identify Special Purpose Keys from the following:

- A) Insert, Delete, Page Up, Page Down, Control(Ctrl), Alternate(Alt)
- B) Escape, Shift, Sound, Colour, Running
- C) Escape(Esc), Control(Ctrl), Alternate(Alt), Space tab
- D) Enter, Shift, Caps Lock, Num Lock, Spacebar, Tab

148) "Email address of the recipients specified in this field do not appear in the received message header". In the above statement, field refers to

- A) from
 - B) to
 - C) cc
 - D) bcc
-

149) Software can be classified as

- A) CPU Software and Hardware with Software
 - B) System Software and Application Software
 - C) Assemblers and Compiler
 - D) Control Software and Interpreter
-

150) In MS Excel 2007, which key combination is used to focus the screen on the active cell ?

- A) CTRL + ALT + M
- B) CTRL + BACKSPACE
- C) CTRL + DELETE + ESCAPE
- D) CTRL + ENTER + A

Answer Key

1	D	31	A	61	A	91	A	121	B
2	C	32	D	62	B	92	B	122	A
3	A	33	A	63	A	93	D	123	C
4	A	34	B	64	D	94	C	124	D
5	B	35	B	65	A	95	C	125	A
6	C	36	B	66	A	96	c	126	B
7	A	37	D	67	A	97	A	127	D
8	C	38	D	6S	A	98	D	128	C
9	D	39	A	69	D	99	A	129	C
10	A	40	B	70	D	100	B	130	D
11	B	41	C	71	B	101	D	131	A
12	A	42	A	72	C	102	B	132	B
13	C	43	B	73	B	103	C	133	C
14	B	44	A	74	D	104	B	134	B
15	C	45	C	75	D	105	C	135	D
16	C	46	B	76	C	106	C	136	C
17	c	47	A	77	B	107	c	137	A
18	A	48	B	78	A	108	B	138	D
19	A	49	D	79	B	109	D	139	A
20	C	50	C	SO	B	110	B	140	B
21	D	51	A	SI	A	111	D	141	C

22	D	52	A	82	A	112	B	142	C
23	A	53	A	83	A	113	D	143	B
24	C	54	B	S4	A	114	D	144	D
25	B	55	C	85	A	115	A	145	C
26	D	56	C	S6	B	116	D	146	B
27	B	57	c	S7	C	117	B	147	D
28	D	58	D	SS	B	118	C	148	D
29	B	59	B	S9	C	119	C	149	B
30	B	60	D	90	B	120	B	150	B

JKSSB Graduate Level 2017 Question Paper

(Exam Held on 27th April, 2017)

1) Fill in the blank with the correct option.

The company _____ to invest in a modern computer system.

- A) needs
- B) must
- C) might
- D) could

Ans: Needs

2) How many numbers less than 100 have sum of their digits completely divisible by 9?

- A) 9
- B) 10
- C) 11
- D) 12

Ans: 11

3) Which of the following describes switching and giving multiple programs a certain timeframe to execute?

- A) Program management
- B) Multitasking
- C) Thrashing
- D) Fragmentation

Ans Multitasking

4) Which of the following is known as the lower house in the Indian Democratic setup?

- A) Vidhan Sabha
- B) Vidhan Parishad
- C) Rajya Sabha
- D) Lok Sabha

Ans Lok Sabha

5) Which of the following is FALSE with respect to the ASEAN?

- A) Leaders have signed a declaration for launching ASEAN Economic Community (AEC)
- B) Malaysia, Indonesia, Singapore, Philippines and Thailand are the founder countries of ASEAN
- C) ASEAN came into existence after the Bangkok Declaration
- D) 27th Summit was held in India

Ans 27th Summit was held in India

6) Choose the correct Synonym of the underlined word:

The grass is still Damp

- A) dry
- B) wet
- C) cool
- D) soft

Ans Wet

7) Fill in the blanks with the correct option.

They have Shown ____ interest in bidding for ____ company.

- A) an ; an
- B) an ; No Article
- C) a ; an
- D) an ; the

Ans an ; the

8) Fill in the blanks with the correct option

Penguins are _____ Flightless Birds

- A) an
- B) a
- C) No Article
- D) the

ANS No Article

9) In a certain language "STORM" is coded as "NSPUT".

How is "RAIN" coded in that language?

- A) OIBS
- B) OBJS
- C) OJBS
- D) OKBS

Ans OJBS

10) The life process which converts chemical energy into heat energy is

- A) Nutrition
- B) Respiration
- C) Excretion
- D) Transpiration

Ans Respiration

11) Sum of the digits of a number when subtracted from that number gives 27 as the answer. How many such numbers are possible?

- A) 1
- B) 8
- C) 9
- D) 10

Ans 10

12) According to the Forbes list 2015 who is the highest paid sportsman?

- A) Manny Pacquiao
- B) Floyd Mayweather
- C) Cristiano Ronaldo
- D) Roger Federer

Ans Floyd Mayweather

13) Which of the following nations is the latest entrant to SAARC?

- A) Sri Lanka
- B) Maldives
- C) Bhutan
- D) Afghanistan

Ans Afghanistan

14) Which of the following is a water soluble vitamin?

- A) Vitamin B
- B) Vitamin A
- C) Vitamin D
- D) Vitamin K

Ans Vitamin B

15) Which of the following is a unidirectional bus?

- A) Data bus
- B) Control bus
- C) Address bus
- D) Processor bus

Ans Address Bus

16) Who is the first person in the field of sports to be awarded the Bharat Ratna Award?

- A) Sachin Tendulkar
- B) Viswanathan Anand
- C) Prakash Padukone
- D) Aparna Ghosh

Ans Sachin Tendulkar

17) Choose the correct Synonym of the underlined word:

The debate seems to have lost much of its initial impetus.

- A) Focus
- B) Stimulus
- C) Sheen
- D) Power

Ans Stimulus

18) In grassland/tree ecosystem, Pyramid of number is

- A) Always inverted
- B) Always upright
- C) Inverted and upright
- D) Spindled shape

Ans Inverted and Upright

19) Pointing to a photograph, Nalini Said "the person in the photograph is the only son of my father's brother". How is the person related to Nalini?

- A) Cousin
- B) Brother
- C) Uncle
- D) Father

Ans Cousin

20) Formation of hole in Ozone is maximum over

- A) India
- B) Antarctica
- C) Europe
- D) Africa

Ans Antarctica

21) Which kind of fill would you use for the slide for a smooth transition of one color into another?

- A) Pattern fill
- B) Gradient fill
- C) Transition fill
- D) Solid fill

Ans Gradient Fill

22) Who amongst those mentioned below is known for being the 29th Indian Chief Justice?

- A) Omar Abdullah
- B) Adarsh Sein Anand
- C) Ayaz Mughal
- D) Maharaja Ranjit Singh

Ans A S Anand

23) In how many directions the joystick can be moved ?

- A) 2
- B) 3
- C) 4
- D) 1

Ans 4

24) Who among the following was arrested at Domail by J&K State police in 1946?

- A) Jinnah
- B) Pt. Jawaharlal Nehru
- C) Sardar Vallabhbhai Patel
- D) Sheikh Mohd Abdullah

Ans Pt. Jawahar Lal Nehru

25) In a windmill the power generated

- A) Is more in rainy season since damp air would mean more air mass hitting the blades
- B) Can be increased by planting tall trees close to the tower
- C) Depends on the height of the tower
- D) Depends on wind velocity

Ans Depends on wind velocity

26) The movie "Mad Max: Fury Road" won how many Oscars in the 88th Academy Awards - Oscars 2016?

- A) 2
- B) 4
- C) 6
- D) 8

Ans 6

27) What is the default alignment of numbers and text in excel?

- A) Both to the left
- B) Both to the right
- C) Number to left and text to right
- D) Number to right and text to left

Ans Number to right and text to left

28) Fill in the blank with the correct option.

Kodak still _____ monochrome film.

- A) produced
- B) have produced
- C) produces
- D) is producing

Ans produces

29) A hanging balloon blown up with air becomes smaller when the air in a room becomes cooler because the molecules of air

- A) Move slower
- B) Become bigger
- C) Move faster
- D) Become smaller

Ans Move slower

30) Niacin is the name of

- A) Vitamin B2
- B) Vitamin B4
- C) Vitamin B5
- D) Vitamin B3

Ans Vitamin B3

31) Operating system- acts as an interface between

- A) Hardware and software
- B) RAM and CPU
- C) Input and output devices
- D) Motherboard and display

Ans Hardware and Software

32) How many sectors have been identified under the "Make in India" programme launched by Government of India?

- A) 25
- B) 32
- C) 45
- D) 51

Ans 25 Sectors

33) In a certain Language "TRUST" is coded as "SQTRS". How is "DUST" coded in that language?

- A) CSRT
- B) CRTS
- C) CTRS
- D) CTSR

Ans CTRS

34) Which of the following cell format should be used for exponential data?

- A) Fraction
- B) Special
- C) Scientific
- D) Custom

Ans Fraction

35) Who is the winner of the 51st Jnanpith award (2015)?

- A) Bhalchandra Nemade
- B) Raghuveer Chaudhary
- C) Kedarnath Singh
- D) Ravuri Bharadwaja

Ans Raghuveer Chaudhary

36) Directions to answer the question:

The question has two statements followed by two conclusions numbered (i) and (ii). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusion and then decide which of the given conclusions logically follows from the given two statements, disregarding commonly known facts.

Statements:

All Doctors are intelligent.

No Engineer is intelligent.

Conclusions:

(i) No Doctor is Engineer.

(ii) All Doctors are Engineers.

- A) Only (i) follows
- B) Only (ii) follows
- C) Either (i) or (ii) follows
- D) Both (i) and (ii) follow

Ans Only (i) follows

37) Which is the highest green golf course in the world, at an altitude of 2,650 m, and is the country's premier ski resort in the winter?

- A) Gulmarg
- B) Laddhak
- C) Pahalgam
- D) Baisaran

Ans Gulmarg

38) Find the missing letter of the series L, N, Q, ?, Z

- A) U
- B) V
- C) W
- D) X

Ans U

39) Which of the following characteristic of operating system is also called as I/O controller?

- A) Device management
- B) Processor management
- C) Memory management
- D) File management

Ans Device Management

40) Find the missing term of the series 7, 23, 55, ?, 191

- A) 101
- B) 109
- C) 119
- D) 123

Ans 119.

41) Which of these is a WRONG match?

- A) Aristocracy - Rule by an individual Aristocrat
- B) Theocracy - Deity is recognized as the supreme civil ruler
- C) Democracy - Rule by the people
- D) Monarchy - Rule by a king or queen

Ans Aristocracy

42) Which of the following port is called as "printer port"?

- A) Serial port
- B) Parallel port
- C) PS/2 port
- D) VGA port

Ans Parallel Port

43) Who won the European Golden Shoe in 2015?

- A) Lionel Messi
- B) Sergio Aguero
- C) Cristiano Ronaldo
- D) Jonathan Soriano

Ans Ronaldo

**44) Fill in the Blank with a suitable clause:
_____, it will be million pounds' worth of
investment down the drain.**

- A) The factory closes so that
- B) That the factory closes
- C) If the factory closes
- D) Though the factory closes

Ans If the factory closes

**45) What is considered as the heart of the
operating system, which provides the basic
foundation, memory management file
systems, program execution?**

- A) ALU
- B) paging
- C) Kernel
- D) Shell

Ans Kernel

**46) Which of the following service is used to
log on to remote computer that is attached to
internet?**

- A) Telnet
- B) VoIP
- C) IRC
- D) FTP

Ans Telnet

**47) Who was appointed as the Emergency
Administrator for the State on 30 October
1947 by Maharaja Hari Singh?**

- A) Jinnah
- B) Pt. Jawaharlal Nehru
- C) Sardar Vallabhbhai Patel
- D) Sheikh Mohd Abdullah

Ans Sheikh Mohd Abdullah

**48) Government of India has launched "Soil
Health Card" scheme for every farmer, which of
the following is FALSE in this regard?**

- A) The card will carry crop wise recommendations
of nutrients/fertilizers required for the individual
farms
- B) The card will carry information on the previous
2 year's actual crop yields from the individual
farms
- C) The card will display soil health indicators and
associated descriptive terms
- D) The card will be used to assess the current
status of soil health

**Ans The card will carry information on the
previous 2 year's actual crop yields from the
individual farms**

**49) Which is the oldest mountain range in
India?**

- A) Aravallis
- B) Karakoram
- C) Sahyadris
- D) Himalayas

Ans Aravallis

50) What will be the amount of electricity consumed if a 100Watts Bulb is left switched ON for 10 hours?

- A) 0.1 kWh
- B) 10 Watts
- C) 100 Watts
- D) 1kWh

Ans 0.1 KWh

51) Which of the following defines a sequence of instructions written to solve a problem?

- A) Software
- B) Hardware
- C) Program
- D) Process

Ans Program

52) Arjun rides his bike from Mumbai to Delhi at a speed of 80 Km/hr and rides back from Delhi to Mumbai at a speed of 120 Km/hr. What is his average speed for the whole journey?

- A) 95 Km/hr
- B) 96 Km/hr
- C) 100 Km/hr
- D) 110 Km/hr

Ans 96 Km/Hr

53) If the sum of three positive numbers is 30. What can be the maximum value of the product of those three numbers?

- A) 750
- B) 990
- C) 1000
- D) 10000

Ans: 1000

54) Which of the following motions is used in windmill to turn the turbine of the electric generator to generate electricity?

- A) Rotatory motion
- B) Linear motion
- C) Vertical motion
- D) Circular motion

Ans Rotatory Motion

55) There is always an exodus _____ the coast _____ holiday times.

- A) of; in
- B) to; off
- C) to; during
- D) off; in

Ans to; during

56) Fill in the blank with the correct option.

She _____ speak three languages.

- A) shall
- B) can
- C) ought
- D) need

Ans Can

57) If the K, L and M shells of an atom are full.

The atomic number of the element is

- A) 10
- B) 12
- C) 18
- D) 20

Ans 18

58) A man is facing south. He turns 45 degrees in the clockwise direction and then 180 degrees in the anticlockwise direction. Finally, he turns 90 degrees in the clockwise direction. What direction is he facing now?

- A) South
- B) South-East
- C) South-West
- D) North

Ans South-East

59) Track ball is a device generally used in place of

- A) Monitor
- B) Printer
- C) Scanner
- D) Mouse

Ans Mouse

60) For the removal of gaseous pollutants, which of the following devices is suitable

- A) Wet scrubber
- B) Cyclone separator
- C) Electrostatic precipitator
- D) Fabric Filter

Ans Wet Scrubber

61) Who assailed the Omar Abdullah Led Government making the State Information Commission(SIC) a toothless body?

- A) The Chief Interviewing Committee(CIC)
- B) The Central Information Commission(CIC)
- C) The Chief Information Committee (CIC)
- D) The Chief Information Commission (CIC)

Ans The Central Information Commission(CIC)

62) Which of the following is magnetic and Optical memory?

- A) Secondary memory
- B) Primary memory
- C) Cache memory
- D) RAM

Ans Secondary Memory

63) The Peninsular Plateau of India belonged to which of the following land masses?

- A) Angara Land
- B) Gondwana Land
- C) Eurasian Plate
- D) Pangaea Land

Ans Gondwana Land

64) Ganesh was facing South East Direction. He turned 90 Degrees in the clockwise direction and then immediately turned 45 Degrees in the anticlockwise direction. Which direction is he facing now?

- A) North
- B) South
- C) East
- D) West

Ans South

65) What should come in the place of the question mark?

- A) 720
 - B) 980
 - C) 960
 - D) 1000
-

66) Which of the following is the last book of Dr. A. P. J. Abdul Kalam" which was co-authored by Mr. Srijan Pal Singh?

- A) Ignited Minds
- B) Advantage India -From Challenge to Opportunity
- C) Indomitable Spirit
- D) Turning Points

Ans Advantage India -From Challenge to Opportunity

67) Re-arrange the following sentences to form a logical paragraph:

(a) That could mean communicating with your bank about whether a recent transaction was fraudulent, or with an airline about a delayed flight.

(b) Popular messaging app WhatsApp said it will stop charging \$1 per year subscription fee to go completely free for its users across the world.

(c) The company said starting this year it will test tools which will allow its users to communicate with businesses and organization's through its platform.

(d) Interestingly, WhatsApp did not charge users for using the service in India, which is one of the biggest markets for the service.

A) adcb

B) abed

C) bacd

D) bdca

Ans bdca

68) Disease caused by eating fish inhabiting mercury contaminated water is

A) Bright's disease

B) Minamata disease

C) Hiroshima episode

D) Osteosclerosis

Ans Minamata disease

69) Fill in the blank with the correct option.

She's very good _____ making friends and influencing people.

- A) in
- B) at
- C) on
- D) by

Ans at

70) Which of the following stores instructions and data temporarily needed by ALU?

- A) CPU
- B) RAM
- C) CU
- D) Register

Ans Register

71) Which is the capital of Syria?

- A) Amman
- B) Raqqa
- C) Damascus
- D) Beirut

Ans Damascus

72) Revathi is taller than Gayathri who is shorter than Malini. Geeta is taller than Revathi but shorter than Malini. Who is the shortest among the four?

- A) Gayathri
- B) Malini
- C) Revathi
- D) Geeta

Ans Gayathri

73) Read the paragraph and fill in the blanks with the correct options:

How can you provide discipline to _____ child so that he or she can function well at home and in public? _____ parent wants his child to be happy, respectful, respected by others, and be able to find a place in the world as a well-behaved adult _____ wants to be accused of raising a spoiled brat

- A) our, All, Somebody
- B) your, All, Somebody
- C) your, Every, Nobody
- D) our, Every, Nobody -

Ans your, Every. Nobody

74) Diseases like Rickets, Scurvy and beriberi are due to the deficiency of

- A) Vitamins
- B) Amino acids
- C) Carbohydrates
- D) Lipids

Ans Vitamins

75) BIOS stands for

- A) Basic Input/Output system
- B) Binary Input/Output system
- C) Basic Internal Operating system
- D) Binary Internal Operating system

Ans Basic / Input Output system

76) Which of the following is Not a type of Inflation on the basis of speed?

- A) Running Inflation
- B) Scrolling Inflation
- C) Galloping Inflation
- D) Walking Inflation

Ans Scrolling Inflation

77) Kiran's mother's father's only daughter's husband is Shivraj. How is Shivraj related to Kiran?

- A) Brother
- B) Son
- C) Father
- D) Uncle

Ans Father

78) What is the total power generation capacity of Jammu and Kashmir under central and State sector?

- A) 5,648.46 MW
- B) 4,648.46 MW
- C) 3,648.46 MW
- D) 2,648.46 MW

Ans 2648.46 MW

79) Which of the following principal commodities have the highest share in value in India's exports during 2013-14?

- A) Petroleum: Crude and Products
- B) Gems and Jewellery
- C) Transport Equipment's
- D) Drugs, Pharmaceuticals and Fine Chemicals

Ans Petroleum: Crude and Products

80) Boundary of which two countries is called the Radcliffe Line?

- A) India and Pakistan
- B) India and Nepal
- C) India and China
- D) India and Afghanistan

Ans India and Pakistan

81) In an eco-system, the organisms which can produce their own food are called

- A) Herbitrophs
- B) Carnitroph
- C) Autotrophs
- D) Decomposers

Ans Autotrophs

82) Which one of the following rivers is a trans Himalayan River?

- A) Dras
- B) Indus
- C) Jhelum
- D) Astor

Ans Indus

83) Which of the following is/are the broad type/types of inflation on the basis of causes?

- (i) Demand pull inflation
- (ii) Hyperinflation
- (iii) Cost push inflation

- A) Only i
- B) Only i and ii
- C) Only i and iii
- D) Only ii

Ans Only i and iii

84) Which place was believed to be the northern most limit of the historic Harappan Civilization?

- A) Burzahom
- B) Akhnoor
- C) Manda
- D) Leh

Ans Manda

85) Which of the following does NOT drain into the Gulf of Khambhat?

- A) Narmada
- B) Tapti
- C) Sabarmati
- D) Luni

Ans Luni

86) Biological processes is used to purify water in a wastewater treatment plants, this stage is called

- A) Primary sewage treatment
- B) Secondary sewage treatment
- C) Wastewater reduction
- D) Biochemical reduction

Ans Secondary Sewage treatment

87) Which of the following input device is used to read printed text?

- A) MICR
- B) OCR
- C) OMR
- D) digitizer

Ans OCR

88) Which of the following is the autobiography of Mr. Sharad Pawar?

- A) My Country My Life
- B) On My Terms: From the Grassroots to the Corridors of Power
- C) India 2020: A Vision for the New Millennium
- D) The Insider

Ans On My Terms: From the Grassroots to the Corridors of Power

89) Who among the following has won a Gold medal in the 10 metre Air Pistol event in women's category at the 13th Asian Shooting Championships held in Kuwait?

- A) Heena Sidhu
- B) Jangmi Kim
- C) Gundegma Otreyad
- D) Malaika Goel

Ans Heena Sindhu

90) In which part of the plant does transpiration occur?

- A) Phloem
- B) Chloroplast
- C) Root
- D) Stomata

Ans Stomata

91) Which place is also called "the meadow of gold"?

- A) Gulmarg
- B) Sonamarg
- C) Pahalgam
- D) Baisaran

Ans Sonamarg

92) Choose the correct Synonym of the underlined word:

She gave a ludicrous suggestion.

- A) useful
- B) nice
- C) absurd
- D) practical

Ans nice

93) Seeta and Neeta have chocolates in the ratio 3:4. If Neeta gives two chocolates to Seeta, they will have equal number of chocolates. How many chocolates Seeta had initially?

- A) 12
- B) 14
- C) 16
- D) 18

Ans 12

94) In the series given, how many numbers are followed by an odd number and preceded by an even number?

3 6 8 2 5 4 9 1 5 2 7 3 2 4

- A) One
- B) Two
- C) Three
- D) Four

Ans Three

95) Who has the powers to legislate Preventive Detention laws for Jammu And Kashmir State?

- A) The Parliament
- B) Union Legislature
- C) State Legislature
- D) Union Executive

Ans State Legislature

96) Where is the seven-storied building Dam-Dam constructed by the Mughals?

- A) Tosa Maidan
- B) The Basmai Gali
- C) Nilnag Lake
- D) Sang-e safed valley

Ans Tosa Maidan

97) Fill in the blanks with the correct option.
The team members have different but _____
skills that can _____ the progress of the
organization.

- A) Complementary, further
- B) Complimentary, farther
- C) Complimentary, further
- D) Complementary, farther

Ans B (complimentary, farther)

98) Which is the oldest newspaper of India still in circulation?

- A) Dainik Jagran
- B) The Mumbai Samachar
- C) Dainik Agradoot
- D) Malayala Manorama

Ans The Mumbai Samachar

99) The National Highway which connects the Kashmir valley to Jammu is

- A) 1-A
- B) 4-A
- C) 6-A
- D) 8-A

Ans 1-A

100) Who was the first woman jockey to win the Melbourne Cup 2015?

- A) Julie Krone
- B) Michelle Payne
- C) Rosie Napravnik
- D) Hayley Turner

Ans Michelle Payne

101) Sound waves are example of

- A) Transverse waves
- B) Longitudinal waves
- C) Both transverse and longitudinal waves
- D) Electromagnetic waves

Ans Longitudinal waves

102) Which of the following are attached to motherboard via ribbon cables?

- A) Video cards
- B) Sound cards
- C) Floppy drive
- D) Speakers

Ans Floppy Drive

103) Read the following paragraph and fill in the blank with the correct option:

Hwacheon Sancheoneo Ice Festival, one of Korea's most popular and wackiest winter festivals, is held every year for three weeks at Hwacheon, where the river's ice reaches a solid 16 inches thick by January, ideal conditions for trout grabbing. The river, surrounded by snow-covered mountains, is known as the first in Korea to _____ in winter.

- A) Freeze over
- B) Freeze by
- C) Freeze on
- D) Freeze upon

Ans Freeze over

104) Inertia means the tendency of an object to

- A) Maintain its mass
- B) Remain in motion
- C) Remain in rest or motion
- D) Stop the motion of other object

Ans Remain in rest or motion

105) Identify the correct meaning of the underlined idiom / phrase:

The message from management came through **loud and clear.**

- A) in a loud voice
- B) in a clear manner
- C) in a composed way
- D) in a delayed manner

Ans in a clear manner

106) In a circle when a body moves with a constant speed,

- A) Its velocity is changing
- B) Its acceleration is zero
- C) Its velocity is uniform
- D) Its acceleration is increasing

Ans Its Velocity is changing

107) Re-arrange the following sentences to form a logical paragraph:

- (a)The interface of Base is fairly simple and straightforward, making it a breeze to use.
- (b)In fact, it's pretty similar to the main Camera app, so it also feels natural but with bonus features.
- (c)If you've wanted to spruce up your photos before going into a photo editing app, then Base should help you out.
- (d)Base is a replacement camera app that wants to give your photographs a new foundation.

- A) bcda
- B) dcab
- C) bade
- D) abed

108) There were some cows and hens grazing in a field. Number of hens were found to be 40 and number of heads were found to be 12.

How many hens were there?

- A) 2
- B) 4
- C) 6
- D) 8

Ans 4

109) Fill in the blank with the correct option.

I always _____ the in-flight magazine.

- A) has read
- B) read
- C) reading
- D) had read

Ans read

110) What was the amount for which Maharaja Gulab Singh bought Kashmir's territories?

- A) Rupees 75 Lakhs
- B) Rupees 65 Lakhs
- C) Rupees 57 Lakhs
- D) Rupees 56 Lakhs

Ans Rupees 75 Lakhs

111) As per the RTI act 2009, the State Chief Information Commissioner and the State Information Commissioners shall be appointed by

- A) Prime Minister
- B) Governor of the State
- C) President
- D) Vice President

Ans Governor of State

112) Which of the following device serve as both input and output device?

- A) Monitor
- B) Joy stick
- C) Modem
- D) Scanner

Ans Modem

113) The Asia Cup 2016 Twenty20 International (T20I) was held in which of the following countries?

- A) Australia
- B) South Africa
- C) Bangladesh
- D) England

Ans Bangaldesh

114) Who laid the foundation stone of Rs. 1,700 crores and 330km long Leh-Srinagar transmission line in Jammu and Kashmir?

- A) Narendra Modi
- B) Atal Bihari Vajpayee
- C) Omar Abdullah
- D) NN Vohra

Ans Narendra Modi

115) The Government of India under the new Foreign Trade Policy (2015-20) set an objective of increasing India's exports of goods and services to approximately how much by 2020?

- A) \$900 billion
- B) \$9000 billion
- C) \$90 billion
- D) \$90000 billion

Ans \$ 900 Billion

116) Under Part XXI of the Constitution of India, which deals with "Temporary, Transitional and Special provisions", the State of Jammu and Kashmir has been accorded special status under which Article?

- A) Article 370
- B) Article 371
- C) Article 372
- D) Article 373

Ans Article 370

117) From when does the five year term of every Panchayat begin in India?

- A) Day of the members are administered the oath
- B) Day of the first meeting
- C) Day of the first training imparted by the Chief Officer
- D) Day of the declaration of the election results

Ans Day of the First meeting

118) Which of the following printer is also known as page printer?

- A) Drum printer
- B) Daisy wheel printer
- C) Laser printer
- D) Dot matrix printer

Ans Laser Printer

119) Rani runs at a speed of 5m/sec. How long can she run in 20 minutes?

- A) 4 Kms
- B) 6 Kms
- C) 12 Kms
- D) 18 Kms

Ans 6 Km

120) Which of the following is a large printed circuit board?

- A) Motherboard
- B) CPU
- C) ALU
- D) CU

Ans Motherboard

121) Which of the following acids is a vitamin C?

- A) Aspartic acid
- B) Ascorbic acid
- C) Adipic acid
- D) Saccharic acid

Ans Ascorbic Acid

122) Which of the following storage contains user-defined data used by the setup program?

- A) ROM
- B) RAM
- C) Auxiliary storage
- D) CMOS storage

Ans CMOS Storage

123) Which property of wave distinguishes between transverse and longitudinal waves?

- A) Refraction
- B) Interference
- C) Diffraction
- D) Polarization

Ans Polarization

124) Laplace found that the alternate compressions and rarefactions produced in sound waves follow

- A) Isothermal law
- B) Adiabatic law
- C) Isochoric law
- D) Isobaric law

Ans Adiabatic Law

125) A train moving at a speed of 180 Km/hr takes 10 seconds to cross an electric pole.

What is the length of the train?

- A) 250 metres
- B) 300 metres
- C) 400 metres
- D) 500 metres

Ans 500 meters

126) Fill in the blanks with the correct option.

Mirrors in a _____ room often give an _____ of space.

- A) spacious, Illusion
- B) specious. allusion
- C) spacious, allusion
- D) specious, illusion

Ans Spacious Illusion

127) Which of the following sentences is INCORRECT?

A) Rabi crops are usually harvested in October

B) Rice is predominantly a Kharif crop

C) Pulses are leguminous crops

D) Kharif crops are sown during the south-west monsoon season

128) What should come in the place of the question mark?

A)

B)

C)

D)

129) In a fine morning Ravi and Surya were sitting in a park facing each other. Ravi's shadow was falling to his left. What direction Surya was facing?

A) South

B) North

C) East

D) West

Ans South

130) What is the other name for Crocus sativus?

A) Saffron

B) Rajmah

C) Maize

D) Ganhar

Ans Saffron

131) The isotopes have similar

A) Mass numbers

B) Number of neutrons

C) Physical properties

D) Chemical properties

Ans Chemical Properties

132) A lead-acid battery is commonly used as a

A) Fuel cell

B) Solar cell

C) Primary Battery

D) Secondary Battery

Ans Secondary Battery

133) Matter changing from a solid to a gas is called:

A) Evaporation

B) Sublimation

C) Deposition

D) Melting

Ans Sublimation

134) In Harnessing nuclear energy the major problem is _____ ?

A) Split Nuclei

B) Sustain the reaction

C) Dispose off spent fuel safely

D) Convert nuclear energy into electrical energy.

Ans Dispose of spent fuel safely

135) Who is the External Affairs Minister of India as on March 2016?

- A) Salman Khurshid
- B) Yashwant Sinha
- C) Pranab Mukherjee
- D) Sushma Swaraj

Ans Sushma Swaraj

136) Which river is also called Wanla River?

- A) Zaskar
- B) Yapola
- C) Galwan
- D) Tapi

Ans Yapola

137) When did South Sudan become the member of United Nations?

- A) 2000
- B) 2009
- C) 2002
- D) 2011

Ans 2011

138) Find the missing term of the series 7,13, 21, ?, 43

- A) 28
- B) 29
- C) 30
- D) 31

Ans 31

139) Which of the following is TRUE with respect to a Federal rule?

- A) Sovereign power is formally divided between the state and the Centre
- B) Supreme power is lodged in the hands of a monarch
- C) Executive branch exists separately from a legislature
- D) A small group of individuals controls the government

Ans Sovereign power is formally divided between the state and the Centre

140) Which of the following is a system software?

- A) Microsoft word
- B) Antivirus software
- C) Operating system
- D) Office Suite Software

Ans Operating system

141) When did J&K Govt, propose 'stand still' agreements with India and Pakistan?

- A) 15-08-1947
- B) 15-08-1946
- C) 12-08-1947
- D) 12-08-1946

Ans 12-08-1947

142) Find the missing letter of the series A, D, ?, P, Y

- A) I
- B) J
- C) K
- D) L

Ans I

143) Which was the first OS to manage buffers, provide program sharing, and allow execution of assembly language programs?

- A) Distributed Operating System
- B) Centralized Operating System
- C) BIND Operating System
- D) SHARE Operating System

Ans Distributed Operating System

144) Which of the following is NOT one of the six official UN languages?

- A) Arabic
- B) Japanese
- C) French
- D) Spanish

Ans Japanese

145) Fill in the blank with the correct option.

We _____ our house several years ago.

- A) bought
- B) have bought
- C) buy
- D) are buying

Ans Bought

146) What is the speed of a PCI bus on most of the computer systems?

- A) 22MHz
- B) 35MHz
- C) 32Mhz
- D) 33MHz

Ans 33 Mhz

147) Which of the following books of Marlon James won the Man Booker Prize 2015?

- A) The Book of Night Women
- B) John Crow's Devil
- C) The Narrow Road to the Deep North
- D) A Brief History of Seven Killings

Ans A Brief History of Seven Killings

148) Which place is known as the last bastion of Harappan Valley Civilization ?

- A) Burzahom
- B) Akhnoor
- C) Manda
- D) Leh

Ans Manda

149) When did the Battle of Buxar take place?

- A) 1767
- B) 1761
- C) 1757
- D) 1764

Ans 1764

150) Jeevan was walking in the south direction.

After walking some distance took a left turn.

Again after walking some distance, ne took a right turn. Which direction is he facing now?

A) North

B) South

C) East

D) North-East

Ans South

JKSSB Graduate Level 2017 Question Paper

(Exam Held on 2nd April, 2017)

1) Who was the founder of the oldest surviving, newspaper of India, "The Bombay Samachar" ?

- 1) **Fardonji Murazban**
- 2) James Hicky
- 3) Jugal Kishore Shukla
- 4) Kandhthil Vargese

Ans: Fardonji Murazban

2) What was theme of 18th SAARC Summit held in Kathmandu in 2014?

- 1) Building Bridges
- 2) Towards a Green and Happy South Asia
- 3) Partnership for Growth of our people
- 4) Deeper Integration for Peace and Prosperity

Ans: Deeper Integration for Peace and Prosperity

3) Which of the following countries in the 193rd Member of UNO?

- 1) Montenegro
- 2) Switzerland
- 3) Timor Leste
- 4) South Sudan

Ans: South Sudan

4) In 2017, Chamu Krishan Shastri, received Padma Shri for his contribution in the field of?

- 1) Civil Services
- 2) Science and Engineering
- 3) Art Music
- 4) Literature and Education

Ans: Literature and Education

5) When was the Indian National Congress Founded?

- 1) 1930
- 2) 1815
- 3) 1915
- 4) 1885

Ans: 1885

6) Which of the following countries has parliamentary republic system of Government?

- 1) Bhutan
- 2) Belize
- 3) Israel
- 4) Entrea

Answer: Israel

7) Who discovered Chlorine?

- 1) Joseph Priestley
- 2) Sir William Ramsay
- 3) Carl Wilhelm Scheele
- 4) Henning Brand

Ans Carl Wilhelm Scheele

8) What is Oligarchy?

- 1) A form of Government in which small group of people hold power often for their own benefit
- 2) A Form of Government in which power is held by hereditary nobility
- 3) A form of Government in which possession of property is required in order to hold office
- 4) A form of Government in which single ruler is vested with absolute power.

Ans A form of Government in which small group of people hold power often for their own benefit

9) Which of the following is not an ASEAN member state?

- 1) Laos
- 2) Taiwan
- 3) Brunei
- 4) Vietnam

Ans Taiwan

10) Which Countries, new 12 sided coins will enter circulation in March, 2017?

- 1) Sudan
- 2) Lebanon
- 3) Egypt
- 4) UK

Ans: UK

11) Which of the following the naturally produced pain killer found in the human saliva

- 1) Opiorphin
- 2) Dopamine
- 3) Oxytocin
- 4) Serotonin

Ans Opiorphin

12) In, November, 2017, Government of India and ADB, signed a \$ 500 Million loan to help build the longest river bridge, across which of the following rivers?

- 1) Brahmaputra
- 2) Indus
- 3) Ganga
- 4) Narmada

Ans Ganga

13) Who is the first Indian to hit a Triple century in the International Test Cricket?

- 1) Sachin Tendulkar
- 2) Rahul Dravid
- 3) VVS Laxman
- 4) Virender Sehwag

Ans Virender Sehwag

14) United Nations has how many National Languages?

- 1) Two
- 2) Six
- 3) Five
- 4) One

Ans Six

15) What is the name of Strait that lies between India and Sri Lanka?

- 1) Bass strait
- 2) Agatu Strait
- 3) Torres Strait
- 4) Palk Strait

Ans Palk Starit

16) Canarese was the other name of which of the following languages?

- 1) Malayalam
- 2) Kannada
- 3) Assamese
- 4) Kashmiri

Ans Kannada

17) Who among the following was the first Indian to swim across the English Channel?

- 1) Ashwin Krishnaswamy
- 2) Mihir Sen
- 3) V. Khade
- 4) Rehan Poncha

Ans Mihir Sen

18) Kiran doshi won The Hindu Prize 2016 for which of the books?

- 1) Diplomatic Tales
- 2) Jinnah Others came to our house
- 3) Birds of Passage
- 4) Half of What i say

Ans: Jinnah Others came to our house

19) Which of the following is not a Zaid crop in India ?

- 1) Wheat
- 2) Watermelon
- 3) Pumpkin
- 4) Cucumber

Ans Wheat

20) Who was named the World's best Fifa men's player of the year 2016, at the inaugural best Fifa Football awards, held in Switzerland?

- 1) L Messi
- 2) Cristiano Ronaldo
- 3) Antoine Griezmann
- 4) Sergio aguero

Ans Cristiano Ronaldo

21) Who among the following received the Padma Vibhushan 2017 for his contribution in the field of Science and Engineering?

- 1) Prof Ramchandra Rao
- 2) Shri Chandrakant
- 3) Prof Ajoy Kumar Ray
- 4) Shri Jitendra Nath Goswami

Ans Prof Ramchandra Rao

22) Who won the 2017 Australian's men's singles title?

- 1) Rafael Nadal
- 2) Stan Wawrinka
- 3) Roger Federer
- 4) Goran Dimitrov

Ans Roger Federer

23) The Nobel Prize in Physiology or Medicine 2016 was awarded to?

- 1) David J thouless
- 2) Youyou To
- 3) Edward I Maser
- 4) Yoshinori Ohsumi

Ans Yoshinori Ohsumi

24) The Greek name of River Jhelum in J&K is?

- 1) Vishaw
- 2) Veth
- 3) Hydaspes
- 4) Vestesta

Ans Hydespas

25) Chashma Shahi Garden, known as the Royal spring, is situated at the foothills of Zavarban Mountain, in which of the following places in J&K?

- 1) Leh
- 2) Katra
- 3) Udhampur
- 4) Srinagar

Ans Srinagar

26) Dosmoche or the festival of Scapegoat is the festival celebrated at which of the following tourist destinations of J&K?

- 1) Ladakh
- 2) Nishat Bagh
- 3) Bahu Fort
- 4) Vaishno Devi

Ans Ladakh

27) The Road that connects Kargil with Kashmir is ?

- 1) NH4
- 2) NH1
- 3) NH5
- 4) NH6

Ans NH4

28) During the period 1556-1605, Kashmir was annexed to Mughal Empire by which Mughal Emperor?

- 1) Bahadur Shah I
- 2) Muhammad Azam shah
- 3) Jalal-ud-din Akbar
- 4) Shah Jahan

Ans Akbar

29) Which of the following is true about the Fort of Akhnoor in Jammu and Kashmir?

- 1) It is archeological site located in the Anantnag city of Jammu and Kashmir, at an altitude of 1800 mt above sea level
- 2) A cave of this fort is believed to be the place of meditation of Lord Rama
- 3) It is located on the banks of river tawi
- 4) It is located on the banks of Chenab, at the foothills of Himalayas

Ans It is located on the banks of Chenab, at the foothills of Himalayas

30) Bilal Nazki, is associated with which of the following positions, pertaining to Jammu and Kashmir, as on October, 2016

- 1) Chairperson of Jammu and Kashmir, Human rights commission
- 2) Former chief Minister of J&K
- 3) Sadr-e-Riyasat
- 4) Minister of Jammu and Kashmir state for Forest

Ans Chairperson of Jammu and Kashmir, Human rights commission

31) Who among the following was elected as the President of Constituent Assembly of the Jammu and Kashmir, after the protem chairman?

- 1) Maulana Masoodi
- 2) Shiekh Mohammad Abdullah
- 3) Maharaja Hari singh
- 4) Ghulam Mohammad Sadiq

Ans Ghulam Mohammad Sadiq

Chairperson of Jammu and Kashmir, Human rights commission

32) The Bahu fort, located in the city of Jammu, was built on the eastern bank of which river

- 1) Jhelum
- 2) Tawi
- 3) Indus
- 4) Chenab

Ans Tawi

33) Which of the following tourist destination is famous for Cycling and Motor biking in Jammu and Kashmir state ?

- 1) Dachigam National Park
- 2) Zojila Pass
- 3) Khardungla Pass
- 4) Betaab Valley

Ans Khardungla Pass

34) Which Power project located in the Udhampur District of J&K, contributes to the major power generation, with an installed capacity of generating 690 MW as on year 1995

- 1) Salal
- 2) Chenani
- 3) Uri
- 4) Dhumkar

Ans Salal

35) JKNPP is the abbreviation related to which political party of J&K

- 1) Jammu and Kashmir National Powerful Party
- 2) Jammu and Kashmir National Popular Party
- 3) Jammu and Kashmir National Panthers Party
- 4) Jammu and Kashmir National Political Party

Ans Jammu and Kashmir National Panthers Party

36) Pir Mitha tomb is located in which of places in J&K?

- 1) Jammu
- 2) Srinagar
- 3) Ladakh
- 4) Anantnag

Ans Jammu

37) On which of the following dates, did the constituent assembly of J&K, met for the First time

- 1) 26th October, 1947
- 2) 31st October, 1951
- 3) 26th October, 1949
- 4) 11th November, 1951

Ans 31st Oct, 1951

38) What is the time limit for a person to get information, as per J&K RTI Act 2009, for Jammu and Kashmir state ?

- 1) Within 30 Days
- 2) Within 50 to 60 Days
- 3) Exactly on the 10th Day from the Date of Request
- 4) Exactly on the 5th Day from the date of Request

Ans With in 30 Days

39) Uri Dam on the Jhelum river is located in which of the following district of Jammu and Kashmir?

- 1) Baramulla
- 2) Doda
- 3) Leh
- 4) Udhampur

Ans Baramulla

40) In the year, 1532, who among the following invaded Kashmir?

- 1) Aurangzeb
- 2) Mirza Hyder
- 3) Shah Jahan
- 4) Jehangir

Ans Mirza Hyder

41) The provision for separation of Judiciary from Executive is enshrined in which of the following articles of Directive Principles in the Constitution of J&K ?

- 1) Article 24
- 2) Article 22
- 3) Article 18
- 4) Article 25

Ans Article 18

42) Chutak Hydro Electric Power plant in the Kargil district, is located on which of the following rivers in J&K?

- 1) Chenab
- 2) Suru
- 3) Mansarovar
- 4) Tawi

Ans Suru

43) Provision related to permanent residents and their rights are mentioned in which of the following parts of Constitution of Jammu and Kashmir.

- 1) Part III
- 2) Part II
- 3) Part I
- 4) Part VI

Ans Part-III

44) Which of the following crops are largely grown in the state of Jammu and Kashmir

- 1) Spices, Jowar, Bajra
- 2) Pulses and Black Pepper
- 3) Sugarcane, Barley and Mustard
- 4) Maize, Rice and Wheat

Ans Maize, Rice and Wheat

45) Durani Empire, which rules Jammu and Kashmir, before it was annexed by Ranjit Singh, originally belonged to which of the following countries

- 1) China
- 2) Iraq
- 3) Vietnam
- 4) Afghanistan

Ans Afghanistan

46) Over which Lake, Mughals have built 2 artificial Islands

- 1) Manasbal Lake
- 2) Dal Lake
- 3) Anchar Lake
- 4) wular Lake

Ans Dal Lake

47) Which of the following is the incorrect option pertaining to the availability of Railway Network in the below mentioned routes in Jammu and Kashmir?

- 1) Ladakh
- 2) Udhampur
- 3) Jammu
- 4) Bari Brahmana

Ans Ladakh

48) Disease caused in Adults because of lack of Vitamin D is?

- 1) Hemophilia
- 2) Tuberculosis
- 3) Beri Beri
- 4) Osteomalacia

Ans Osteomalacia

49) Identify the Non-Renewable energy source among the following?

- 1) Coal
- 2) Fuel Cells
- 3) Wind Energy
- 4) Wave Energy

Ans Coal

50) Current is influenced by voltage, only if circuit is?

- 1) Closed
- 2) Open
- 3) Insulated
- 4) Having High Resistance

Ans Closed

51) Photovoltaic Energy is the conversion of Sunlight into

- 1) Chemical Energy
- 2) Biogas
- 3) Electricity
- 4) Geothermal energy

Ans Electricity

52) If a body does not change its position, with respect to its surroundings, then it is in the state of

- 1) Motion
- 2) Rest
- 3) Equilibrium
- 4) Vibration

Ans Rest

53) Which of the following is a function of Vitamin B-12?

- 1) Influences the cells that build body tissues
- 2) Maintain the walls that surround and protect the Nerve Fibers
- 3) Is essential for the formation of Bones
- 4) Helps maintain the Acid base balance

Ans Maintain the walls that surround and protect the Nerve Fibres.

54) During respiration, the energy rich compound, generated as Final product is ?

- 1) NADH
- 2) FADH
- 3) ATP
- 4) ADP

Ans ATP

55) Which of the following represents the removal of Hydrogen and Carbon dioxide from a substance?

- 1) Oxidation
- 2) Decarboxylation
- 3) Reductive Carbon Oxidation
- 4) Oxidative Decarboxylation

Ans Oxidative Decarboxylation

56) Which of the following produces both power and manure?

- 1) Nuclear Plant
- 2) Biogas Plant
- 3) Thermal Power Plant
- 4) Hydroelectric Power plant

Ans Biogas Plant

57) In a Food chain the 3rd Trophic Level is always occupied by ?

- 1) Carnivores
- 2) Herbivores
- 3) Decomposers
- 4) Producers

Ans Carnivores

58) The measure of which parameters is given by Newton's second law of motion?

- 1) Force
- 2) Time
- 3) Momentum
- 4) Impulse

Ans Force

59) Flow of energy in an Ecosystem is always?

- 1) Unidirectional
- 2) Bidirectional
- 3) Multidirectional
- 4) No Specific Direction

Ans Unidirectional

60) In Which way are the batteries, with thermodynamic source are different from fuel cells?

- 1) A battery uses polymer electrolyte membrane whereas fuel cell does not.
- 2) A battery is a closed system where as Fuel cell is an open system.
- 3) A battery uses Hydrogen and Oxygen to create electricity, where as fuel does not.
- 4) A battery is an opened system, where as Fuel cell is a closed system

Ans A Battery is a closed system, where as Fuel cell is an open system

61) Layer of atmosphere in which Ozone layer lies is ?

- 1) Exosphere
- 2) Mesosphere
- 3) Ionosphere
- 4) Stratosphere

Ans Stratosphere

62) When the speed of an object increases its velocity?

- 1) Becomes Zero
- 2) Decreases
- 3) Remains constant
- 4) Increases

Ans Increases

63) Which among the following statements is true about Greenhouse effect?

- 1) It is caused by combination of Helium and Neon gases
- 2) It is caused by Carbon dioxide only
- 3) It is caused by Gases like CO₂, CFC, CH₄, NH₃ etc
- 4) It is caused by SO₂ only

Ans It is caused by Gases Like CO₂,CFC,CH₄,NH₃ etc

64) For which value of PH, rainwater is considered acidic?

- 1) 5.7
- 2) 4.6
- 3) 7.8
- 4) 6.6

Ans 4.6

65) Wave with compression and contraction is known as?

- 1) Transverse Wave
- 2) Longitudinal Wave
- 3) Horizontal Wave
- 4) Latitudinal Wave

Ans Longitudinal Wave

66) A train moving at a speed of 54 KMph crosses a stationary pole in 30 seconds. What is the length of train in meters

- 1) 300
- 2) 400
- 3) 450
- 4) 500

Ans 450

67) Which is the next number in the Series? 5, 3, 9, 5, 13, 7, 17..... ?

- 1) 5
- 2) 9
- 3) 11
- 4) 13

Ans 9

68) The missing number of the series is?

2,3,8,63,3968

- 1) 52
- 2) 45
- 3) 83
- 4) 255

Ans 83

69) Choose the conclusion that logically satisfy the given two statements

Statement-I : No trees are Plants.

Statement-II: All Vegetables are trees.

- 1) All Vegetables are plants
- 2) No vegetable is plant
- 3) Same vegetables are plants
- 4) All Plants are vegetables

Ans No vegetable is plant

70) What is next letter of the series?

A,D,H,M ?

- 1) P
- 2) S
- 3) T
- 4) W

Ans P

71) Pointing to a photograph Alexander said. " The person in the photograph is my fathers' only son's son. How is Alexander related to that person in photograph?

- 1) Father
- 2) Grandfather
- 3) Brother
- 4) Uncle

Ans Father

72) Which is the next number is the series? 37, 41, 43, 47, 53 ?

- 1) 55
- 2) 59
- 3) 61
- 4) 63

Ans 59

73) How many times an odd digit is followed by an even digit and an Odd digit in the string? 3,4,5,8,4,2,6,3,1,9,5,7,2,4,7

- 1) Zero
- 2) One
- 3) Two
- 4) Three

Ans One

74) Jayaram is the son of Nagesh. Nagesh's wife Shanti has a Daughter Radhika. Radhika has a son Bharat and daughter Laxmi. How is Laxmi related to Jayaram?

- 1) Cousin
- 2) Sister
- 3) Grand Daughter
- 4) Niece

Ans Niece

75) Find the ODD One out from the following terms?

EGJ, HUM, OQT, VWZ, ACF

- 1) QQT
- 2) VWZ
- 3) ACF
- 4) HUM

Ans VWZ

76) Read the Instructions and Answer the Questions given below

A*B means A is the Father of B

C-D means C is brother of D

E = means E is father of F

G+H means G is the mother of H In the relation between A and L is represented as $A=H+K:-L$. How is A related to L

- 1) Father
- 2) Daughter
- 3) Sister
- 4) Uncle

Ans Uncle

77) After the robbery, a thief started running at a speed of 30 Kmph. The Police realized it after 15 minutes and started chasing from the same spot with a speed of 40Kmph . If both of them ran on the same highway, after what time, will the police catch the thief?

- 1) 20 minutes
- 2) 30 minutes
- 3) 45 minutes
- 4) 60 minutes

Ans 45 minutes

78) There were few hens and buffalo's grazing in a field, i started counting the legs and heads.

I found, 16 heads and 52 legs totally. How many buffaloes were there ?

- 1) 6
- 2) 8
- 3) 10
- 4) 12

Ans 10

79) Find the next term of the series ?

AAA, BDH, CIA ?

- 1) DWL
- 2) DHM
- 3) DPL
- 4) DFL

Ans DPL

80) In a certain code, BACTERIA is coded as "BJSFUDBC". How is protozoa coded in that language?

- 1) BAPUPSQP
- 2) BPAPUPSO
- 3) ABPPUPQS
- 4) BAPUPPQS

Ans BPAPUPSO

81) Class teacher asked Swaminathan to write all the numbers from 1 to 1000. Then the teacher asked him to make a list of all those numbers, whose sum of the digits is 9. If he made the list properly, then how many numbers were there in his list ?

- 1) 108
- 2) 110
- 3) 111
- 4) 114

Ans 111

82) In a certain language, "We are ALL Indians" is coded as "POM DAM SAM NAM", all are sick is coded as "POM NAM JAM". What is the word for ALL?

- 1) POM
- 2) NAM
- 3) JAM
- 4) Can't be Determined

Ans Can't be Determined

83) Choose the conclusion that follows the given 2 statements

Statement-I : Some mangoes are fruits

Statement-II : No fruit is an APPLE

- 1) Some Mangoes are apples
- 2) ALL mangoes are apples
- 3) No mango is an Apple
- 4) Some mangoes are not apples

Ans Some mangoes are not apples

84) A number, when divided by 5, 6, 7, 8, 9, 10 leaves a remainder ZERO in each case, but when divided by 11 leaves a remainder 1. Which among the following numbers satisfy the given criteria?

- 1) 1260
- 2) 2520
- 3) 3780
- 4) 4200

Ans 2520

85) Car A left Mumbai for Delhi, at 7 am at a speed of 60Kmph. Another car Left Mumbai for Delhi at 10 am at a speed of 60 Kmph. at what time, Car B will overtake Car A?

- 1) 2 Pm
- 2) 3 Pm
- 3) 3.30 Pm
- 4) 4 PM

Ans 4 Pm

86) Given below are 2 statements followed by a conclusion. Choose whether the conclusion is TRUE, FALSE, UNCERTAIN OR IRRELEVANT by analysing the statements.

Statement-1: After getting a Discount of 20%, all i made a profit of 25% on an article

Statement-2: The Selling price of Article was Rs 240.

Conclusion : Marked Price of the article, cannot be more than Rs 285

- 1) True
- 2) False
- 3) Uncertain
- 4) Irrelevant

Ans: False

Directions for Questions 87- 88.

Read the following information carefully, and answer the Questions that follow

5 Friends Alex, Brad, Clarke, David, Eon and Farhan are sitting in a row, facing north. David, is to the immediate left of Brad. There are 2 people between Brad and Alex, Eon is third to the left of Clarke. Clarke is at one of the ends. Farhan is not sitting at any of the ends.

87) Who is sitting at the penultimate end ?

- 1) David
- 2) Eon
- 3) Farhan
- 4) Clarke

Ans David

88) Who is third to right of the David?

- 1) Eon
- 2) Farhan
- 3) Alex
- 4) Charles

Ans Farhan

89) Which is a basic component required, to connect the personal computer to Internet?

- 1) VGA Card
- 2) Sound Card
- 3) Network Interface Card
- 4) Serial Card

Ans Network Interface Card

90) Which of the following is not a valid Email address?

- 1) abcd@host.net
- 2) abcd;@abcd.net
- 3) abcd@box@host.net
- 4) "[abcdef](#)"@host.net

Ans abcd@box@host.net

91) Any device connected to an Operating system is controlled by using ?

- 1) Device Monitors
- 2) Device Drivers
- 3) Device Trackers
- 4) Device Units

Ans Device Drivers

92) Which of the following is a valid Data type is MS Access?

- 1) Boolean
- 2) Variant
- 3) Memo
- 4) Double

Ans Memo

93) What is gutter Margin in MS-Word?

- 1) Extra space added to the side or top margin of the document, where it is binded.
- 2) Extra space added at all sides of the document to avoid paper folding in future
- 3) Excess margins added to the top and bottom of the document to affix indication papers
- 4) The margin that divided paper into 2 columns when printing.

Ans Extra space added to the side or top margin of the document, where its is binded.

94) A systematic procedure for moving the CPU to new process is known as?

- 1) Synchronization
- 2) Context Switching
- 3) Deadlock
- 4) Starvation

Ans Context Switching

95) Which of the following devices read the Input text, and converts it into readable text and stores it into system memory?

- 1) Mouse
- 2) OCR
- 3) Track Ball
- 4) Digitizer

Ans OCR

96) Which of the following statements is FALSE, with respect to relation between Hardware and Software?

- 1) Hardware and Software are mutually dependent on each other
- 2) Particular Job can be done only when, relevant software is loaded into hardware
- 3) Software acts as an Interface between Hardware and Software
- 4) Software can be executed without using any Hardware components.

Ans Software can be executed without using any Hardware components.

97) Which of the following protocols are used in Email?

- 1) FTP
- 2) DHCP
- 3) SMTP
- 4) ARP

Ans SMTP

98) Which of the following features are not supported by CPU?

- 1) It performs all kind of Data processing operations.
- 2) It stores data, immediate results and instructions.
- 3) It controls the operation of all parts of computers.
- 4) It can design the software programs by itself.

Ans It can design software programs by itself

99) Which of the following the physical and tangible components of computers?

- 1) Hardware
- 2) Software
- 3) Firmware
- 4) Mediaware

Ans Hardware

100) Which of the following is not a type of Cell referencing in MS-Excel?

- 1) Absolute
- 2) Reflexive
- 3) Relative
- 4) Mixed

Ans Reflexive

101) In MS PowerPoint, what is motion path?

- 1) A slide transition effect applied to a slide
- 2) A blurring effect applied to text of slide.
- 3) A method of moving to last slide from any slide.
- 4) A method moving object/item on the slide

Ans A method of moving object/item on the slide.

102) How many bits are used for an IP Address in IPV4 (Internet Protocol Version-4)?

- 1) 128
- 2) 32
- 3) 64
- 4) 48

Ans 32

103) Which one of the following is a Software?

- 1) Network Router
- 2) Network Interface Card
- 3) Application Gateway
- 4) Network Cables

Ans Application Gateway

104) Which of the following storage is used to store data permanently, even after the power supply to computer is turned Off?

- 1) Registers
- 2) Cache Memory
- 3) RAM
- 4) DVD-ROM

Ans DVD-ROM

105) Which of the following is not a function of Operating system?

- 1) Memory Management
- 2) Maintain Data Security and Integrity
- 3) Coordination between Software and Users
- 4) Database Management

Ans Database Management

106) F-12 Key in keyboard belongs to which group of Keys

- 1) Numeric Keys
- 2) Function Keys
- 3) Control Keys
- 4) Special Purpose keys

Ans Function Keys

107) Which of the following ports of Computer connects the Monitor?

- 1) VGA
- 2) Serial
- 3) Modem
- 4) Ethernet

Ans VGA

108) Digital images are formed from Tiny Dots known as?

- 1) Pixels
- 2) Coordinates
- 3) Ordinals
- 4) References

Ans Pixels

109) Which among the following the correct description of Internet?

- 1) Network of Only Mobiles
- 2) Network of only Switches
- 3) Network of Networks
- 4) Network without computers

Ans Network of Networks

110) In which type of operating system, with similar needs are grouped together, before submitting the process required?

- 1) Batch Operating System
- 2) Time Sharing Operating System
- 3) Distributed Operating system
- 4) Network Operating system

Ans Batch Operating System

JKSSB Graduate Level 2015 Question Paper

(Exam Held in Dec, 2015)

Section 1 – General English

1) Select the right meaning of the underlined idiom:

He struggled to pass himself off as a nobleman.

- (A) Dress
 - (B) Pretend
 - (C) Live
 - (D) Speak
-

2) Select the right modal for the blank:

Walking on the beach, we _____ sight of a strange bird.

- (A) Catch
 - (B) Catching
 - (C) Caught
 - (D) Catched
-

3) Fill the blanks with the right pair of words:

My _____ to you is that you should _____ yourself to the situation as quickly as possible.

- (A) Advise, adapt
 - (B) Advise, adopt
 - (C) Advice, adapt
 - (D) Advice, adopt
-

4) Fill in the blank with the right option:

Rahul is happy as his uncle is _____ tomorrow.

- (A) Arrived
 - (B) Arrives
 - (C) Arriving
 - (D) Arrive
-

5) Select the right co-ordinate clause for the sentence:

Many were called for the interview _____

- (A) Or few are chosen
 - (B) But few were chosen
 - (C) As few were chosen
 - (D) And few are chosen
-

6) Select the correct preposition for the blank:

The present speech is mild, contrasted _____ his past utterance on the same subject.

- (A) To
- (B) Against
- (C) For
- (D) In

7) Rearrange the sentences in meaningful order:

A. In addition, learners should also be taught to write letters associated with the day to day running of life.

B. Writing letters is a good way to learn communication skills.

C. For example letters to invite and thank speakers, letters requesting research information, etc.

D. Learners should be encouraged to write "real" letters wherever possible.

(A) BDCA

(B) CADB

(C) BDAC

(D) ACDB

8) Select the right synonym for the underlined word

Everyone knew of her wonted Kleptomaniac habit, and hid things when she came to visit them.

(A) Unusual

(B) Exceptional

(C) Extraordinary

(D) Customary

9) Select the correct preposition for the blank:

His paralyzed arm is insensible _____ pain.

(A) For

(B) With

(C) To

(D) From

Read the following paragraph and answer the question that follows:

King Francis was a great lover of all kinds of sport; and one day he and his courtiers, noblemen and ladies, sat watching wild savage lions fighting in the enclosure below. Amongst the courtiers sat Count de Large, beside a beautiful lady of noble birth, whom he loved and hoped to marry. The lions roared and bit and tore each other with savage fury, until the king said to his courtiers, "Gentlemen, we are better up here than down there!" The lady, hearing him, thought she would show the king and his court how devoted her lover was to her: so she dropped her glove among the fighting lions, and then looked at Count de Lorge and smiled at him. He bowed to her, and leaped down among the savage lions without hesitation, recovered the glove, and climbed back to his place in a few moments. Then he threw the glove right in the lady's face. King Francis cried out, "Well, bravely done! But it was not love that made your lady set you such a dangerous thing to do, but her vanity!"

10. He bowed to her, and leaped down among the savage lions without hesitation.

The pronoun "her" refers to

(A) The lion

(B) One courtier

(C) His lady love

(D) The queen

11. Fill the blanks with the right pair of words:

A mother has to _____ the pangs of giving _____ to her child.

(A) Bear, birth

(B) Bare, berth

(C) Bare, birth

(D) Bear, berth

12. Select the right tense for the blank:

She _____ the soup, to check whether it needed more salt.

- (A) tasted
 - (B) is tasted
 - (C) taste
 - (D) tasting
-

13. Insert the right article in the blank:

There was once _____ holy man who lived alone in _____ hut.

- (A) A, a
 - (B) An, an
 - (C) The, the
 - (D) A, an
-

14. Fill in the blanks to complete the conversation meaningfully:

Guest: _____.

Receptionist: There are forty-five rooms in all, ma'am.

- (A) Do you have comfortable rooms in your hotel?
 - (B) Do you have many rooms in your hotel?
 - (C) How many rooms are there in your hotel?
 - (D) Can you count the number of rooms in your hotel?
-

15. Select the right synonym for the underlined word:

The soldier's fortitude made him famous in the eyes of his countrymen.

- (A) Nobility
- (B) Courage
- (C) Timidity
- (D) Coyness

16. Insert the right article in the blank:

_____ banyan tree grows to a huge size.

- (A) A
 - (B) An
 - (C) The
 - (D) No article
-

17. Insert the right article in the blank:

He drove his car at _____ speed of hundred kilometres _____ hour.

- (A) A, a
 - (B) An, an
 - (C) A, an
 - (D) The, a
-

18. Select the right co-ordinate clause for the sentence:

Have you heard about _____

- (A) Why has happened?
 - (B) What has happened?
 - (C) Where has happened?
 - (D) What is happened?
-

19. Select the right modal for the blank:

The robbers _____ him a blow on the head.

- (A) Deal
- (B) Dealing
- (C) Dealed
- (D) Dealt

20. Rearrange the sentences in meaningful order:

A. The evil within it and its hatred and loathing towards mankind.

B. An escape from death, an escape from Hammond's failure and shattered dream.

C. Jurassic is ultimately a story of escape, an escape from the island.

D. Whereas in Frankenstein the story is of Frankenstein's pursuit of the monster he created.

(A) CBDA

(B) DABC

(C) ACBD

(D) CBAD

Section 2 – GK and Current Affairs

21. Which of the following countries is the first to win the FIFA World Cup?

- (A) Brazil
 - (B) Portugal
 - (C) Mexico
 - (D) Uruguay
-

22. Which one of the following was a part of the Gondwanaland?

- (A) South America
 - (B) North America
 - (C) Russia
 - (D) China
-

23. Which of the following committees recommended constitutional status for local bodies?

- (A) Balwant Rai Mehta Committee
 - (B) L M Singhvi Committee
 - (C) Ashok Mehta Committee
 - (D) Swaran Singh Committee
-

24. The Indian language that has the highest number of registered newspapers/periodicals is

- (A) Marathi
- (B) Hindi
- (C) English
- (D) Malayalam

25. Which of the following is the first 'made-in-India's sports car ready to enter the market?

- (A) Mahendra Scorpio
 - (B) Tata Safari
 - (C) Mahendra Bolero
 - (D) DC Avanti
-

26. For the match between which of the following teams was the Football legend Pele was the guest of honor in Kolkata?

- (A) Chennaiyin against Delhi Dynamos
 - (B) Delhi Dynamos against Atletico de Kolkata
 - (C) Atletico de Kolkata against Chennaiyin
 - (D) Atletico de Kolkata against Kerala Blasters
-

27. Who among the following received the Bharat Ratna along with Sachin Tendulkar in the year 2013?

- (A) Madan Mohan Malaviya
 - (B) Professor Amartya Sen
 - (C) C. N. R. Rao
 - (D) Dr. A. P. J. Abdul Kalam
-

28. Which among the following is the CORRECT definition for cottage industry in an economy?

- (A) A business or manufacturing activity carried on in people's homes
- (B) An industry that can be placed and located anywhere without effect from factors such as resources or transport
- (C) An industry which is the part of a country's economy concerned with the provision of services
- (D) An industrial undertaking which is engaged in the manufacturing of parts, components, sub-assemblies, etc.

29. Which one of the following countries hosted the 18th SAARC summit in 2014?

- (A) Sri Lanka
 - (B) Nepal
 - (C) Maldives
 - (D) India
-

30. Who among the following is appointed as the new Ambassador of India to Japan in October, 2015?

- (A) Sujan R. Chinoy
 - (B) Deepa Gopalan Wadhwa
 - (C) Arun Kumar Singh
 - (D) Subrahmanyam Jaishankar
-

31. Which one of the following is CORRECT with reference to econometrics?

- (A) The application of statistical and mathematical theories to economics
 - (B) Calculations with regard to supply and demand
 - (C) It is a branch of macro- economics of mathematical methods
 - (D) It is a branch of micro economics of mathematical methods
-

32. Which of these is the INCORRECT description of the Dalai Lama, Tenzin Gyatso?

- (A) He is the 14th and the present Dalai Lama
- (B) He is the spiritual and political leader of China
- (C) He is the longest living Dalai Lama
- (D) He has been bestowed with the Nobel Peace Prize

33. The currency of Greece before 2001 was

- (A) Euro
 - (B) Drachma
 - (C) Sterling
 - (D) Cent
-

34. Who will be the coach of the Indian men's hockey team till the Rio Olympics to be held in 2016?

- (A) Michael Nobbs
 - (B) Roelant Oltmans
 - (C) Jose Brasa
 - (D) Terry Walsh
-

35. Who is the famous blogger (writer) selected for the prestigious Sakharov Prize for human rights awarded by the European Union for the year 2015?

- (A) Nelson Mandela
 - (B) Kailash Satyarthi
 - (C) Raif Badawi
 - (D) Narendra Modi
-

36. The process of adding sulphur to rubber is called

- (A) Pulverization
- (B) Vulcanisation
- (C) Sulphurisation
- (D) Stabilisation

37. Which of these is FALSE with respect to a dictatorial rule?

- (A) A dictator takes slow decisions by consulting people who work for him and his subjects
 - (B) Dictators are not restricted by constitutions or parliaments
 - (C) One main individual rules the country
 - (D) The governed are usually not consented in any way
-

38. The highest Indian medical award given in India is

- (A) Dr. B. C. Roy Award
 - (B) Padma Vibhushan Award
 - (C) Bharat Ratna Award
 - (D) Dhanwantri Award
-

39. Which of the following books is NOT written by Dr. A. P. J. Abdul Kalam?

- (A) India 2020 - A vision for the New Millenium
 - (B) Wings of Fire
 - (C) You are Born to Blossom
 - (D) The Discovery of India
-

40. Which one of the following countries is the runner-up of the 2015 ICC Cricket World Cup?

- (A) New Zealand
 - (B) Australia
 - (C) Sri Lanka
 - (D) South Africa
-

41. Which of the following is the second longest glacier located in Himachal Pradesh?

- (A) Bara Shigri Glacier
- (B) Gangotri Glacier
- (C) Dokriani Glacier
- (D) Gorgarang Glacier

42. In which of the following places of India, was Asia's first Export Processing Zone established?

- (A) Chennai
 - (B) Gujarat
 - (C) Kandla
 - (D) Cochin
-

43. The Civil Disobedience Movement in India was in the year

- (A) 1920
 - (B) 1930
 - (C) 1922
 - (D) 1942
-

44. Which among the following is a function of the International Court of Justice?

- (A) Award Punishment to criminals recognised by the Interpol
 - (B) Warn countries and fine them for war crimes
 - (C) Uphold the rights of the members of the UN when it is infringed by other members
 - (D) To settle legal disputes submitted by member countries
-

45. Which among the following is a CORRECT definition for Inflation?

- (A) A current medium of exchange in the form of coins and banknotes
- (B) A sustained increase in the aggregate or general price level in an economy
- (C) Reduction of the general level of prices in an economy
- (D) High increase of price combined with high unemployment and stagnant demand in a country's economy.

46. The first F1 motor racing driver from India is

- (A) Karun Chandhok
 - (B) Narain Karthikeyan
 - (C) Yash Aradhya
 - (D) Gaurav Gill
-

47. India became a member of the WTO in the year

- (A) 1990
 - (B) 1992
 - (C) 1995
 - (D) 2000
-

48. The first language to be conferred the status of a Classical language in India is

- (A) Sanskrit
 - (B) Tamil
 - (C) Telugu
 - (D) Maithili
-

49. Who among the following are the five permanent members of the UN Security Council?

- (A) USA, UK, Russia, China, France
 - (B) UK, France, Russia, China, Canada
 - (C) USA, UK, Switzerland, China, India
 - (D) USA, UK, China, Russia, Israel
-

50. In which of the following places is the National Institute of Agricultural Marketing Located?

- (A) Jaipur
- (B) Mumbai
- (C) Bhopal
- (D) Delhi

Section 3 – GK About J and K

51. Who became the chief minister of Jammu and Kashmir after the assembly election in 2015?

- (A) Farooq Abdullah
 - (B) Ghulam Nabi Azad
 - (C) Sheikh Abdullah
 - (D) Mufti Mohammad Sayeed
-

52. What type of project is Sewa-III Hydroelectric Project?

- (A) Moderate
 - (B) Major
 - (C) Small
 - (D) Large
-

53. Who among the following is responsible to give information to a person who seeks information under the RTI Act?

- (A) POI
 - (B) APOI
 - (C) Chief Secretary
 - (D) PM
-

54. The temple of Vaishno Devi is located on the mountain

- (A) Nanda Devi
 - (B) Nyegyi Kansang
 - (C) Padmanabh
 - (D) Trikuta
-

55. When was for the first time Governor's rule imposed in Jammu and Kashmir?

- (A) April, 1980

- (B) March, 1977
- (C) December, 1985
- (D) July, 2000

56. The Chutak Hydro- electric Project is established on the river

- (A) Yamuna
 - (B) Suru
 - (C) Narmada
 - (D) Kaveri
-

57. Under which section of the state constitution can Governor's rule be imposed in Jammu and Kashmir?

- (A) Section 74
 - (B) Section 80
 - (C) Section 92
 - (D) Section 98
-

58. Who was the prime minister of Maharaja Hari Singh under the Constitution of 1939?

- (A) L. K. Advani
 - (B) T. D. Rao
 - (C) C. L. Sindhya
 - (D) M. C. Mahajan
-

59. Shrine of four Lords Gon-Khang is located in which district of Jammu and Kashmir?

- (A) Kathua
- (B) Kargil
- (C) Leh
- (D) Pulwama

60. Which one of the following lakes is connected with Jhelum by a canal near Sumbal?

- (A) Mansbal
 - (B) Dal
 - (C) Anchar
 - (D) Gangabal
-

61. Mamleshwar temple in phalgam is devoted to the Hindu god

- (A) Kali
 - (B) Shiva
 - (C) Krishna
 - (D) Vishnu
-

62. Which one of the following rivers is called as Vetesta in Sanskrit?

- (A) Ravi
 - (B) Tawi
 - (C) Yapola
 - (D) Jhelum
-

63. What is the full form of JKNPP?

- (A) Jammu and Kashmir National Panthers Party
 - (B) Jammu and Kashmir National Point Party
 - (C) Jammu and Kashmir New Political Party
 - (D) Joint Kashmir National Political Party
-

64. In which year was the Jammu & Kashmir State Right to Information Act passed?

- (A) 2008
- (B) 2004
- (C) 2010
- (D) 2000

65. Gulmarg is located in which district of Jammu and Kashmir?

- (A) Baramulla
 - (B) Doda
 - (C) Kathua
 - (D) Poonch
-

66. Who among the following invaded Kashmir on 24 October, 1947?

- (A) Indian Rajputs
 - (B) Tribal Pathans
 - (C) Sherpas
 - (D) Sindh Brahmins
-

67. Which one of the following valleys starts at the base of Zoji La pass?

- (A) Araku
 - (B) Barak
 - (C) Drass
 - (D) Hiraikund
-

68. For how long can Governor's rule be imposed with the consent of the President of India, in case of failure of constitutional machinery in Jammu and Kashmir?

- (A) 6 months
 - (B) 15 months
 - (C) 3 months
 - (D) 9 months
-

69. To whom did Britishers sell Kashmir after it became a princely state in march 1846?

- (A) Prithviraj Singh
- (B) Gulab Singh
- (C) Maan Singh
- (D) Hari Singh

70. Which private limited company has been incorporated by the government of Jammu and Kashmir to take care of various power projects?

- (A) Jammu & Kashmir State Power Development Corporation Limited
 - (B) Kashmir Power Development Limited
 - (C) Jammu State Power Development Corporation
 - (D) State Board of Power Projects Management
-

71. Hari Parbat Fort was built by

- (A) Emperor Humayun
 - (B) Chandragupta Maurya
 - (C) Shivaji Maharaj
 - (D) Atta Mohammad Khan
-

72. What is the power generating capacity of Dumkhar HEP constructed over river Indus on state economy of J&K?

- (A) 85 MW
 - (B) 90MW
 - (C) 70 MW
 - (D) 220 MW
-

73. Which of the following activities in Indian agriculture is known as Golden Zest?

- (A) Maize cultivation
- (B) Rice cultivation
- (C) Saffron cultivation
- (D) Jute cultivation

74. What is the total power generation capacity of Jammu and Kashmir under central and state sectors as on June 2015?

- (A) 3000.49 MW
 - (B) 18460.23 MW
 - (C) 2007.56 MW
 - (D) 2672.20 MW
-

75. Which of the following places is known as "Meadow of Flowers" ?

- (A) Kangra
- (B) Gulmarg
- (C) Dibang
- (D) Neora

Section 4 – General Science

76. Which one of the following is responsible for diseases such as Cholera, Typhoid and Jaundice?

- (A) Heat
 - (B) Air pollution
 - (C) Water pollution
 - (D) Food items
-

77. Most of the energy produced during respiration is stored in

- (A) Pyruvic acid
 - (B) Carbon dioxide
 - (C) Adenosine monophosphate
 - (D) Adenosine triphosphate
-

78. The Ocean thermal energy conversion system that is meant to generate power is most suitable in

- (A) Sub-tropical region
 - (B) Tropical region
 - (C) Cold region
 - (D) Moderate region
-

79. The layer of atmosphere in which the ozone layer lies is the

- (A) Exosphere
 - (B) Mesosphere
 - (C) Stratosphere
 - (D) Ionosphere
-

80. A natural system consisting of all plants, animals and microorganisms in an area functioning together with all the non-living physical factors of the environment is called

- (A) Populations
 - (B) Community
 - (C) Ecosystem
 - (D) Biosphere
-

81. According to Boyle's Law, if the volume occupied by a certain gas is doubled,

- (A) The pressure of the gas will be doubled
 - (B) The pressure of the gas will be quadrupled
 - (C) The pressure of the gas will remain constant
 - (D) The pressure of the gas will be halved
-

82. The measure of "highness" or "lowness" of a musical tone or sound is called

- (A) Loudness
 - (B) Rhythm
 - (C) Pitch
 - (D) Intensity
-

83. Why do food chains and food webs start with green plants?

- (A) Because plants can absorb the sun's energy to produce food
- (B) Because most green plants are tasty
- (C) Because most green plants eat other plants
- (D) Because most green plants are animal eaters

84. Little leaf is caused due to the deficiency of

- (A) Boron
 - (B) Copper
 - (C) Zinc
 - (D) Phosphorus
-

85. Air pollution from automobiles can be controlled by fitting

- (A) Cyclone separator
 - (B) Electrostatic precipitator
 - (C) Catalytic converter
 - (D) Wet scrubber
-

86. Most of the mass of an atom is concentrated in the

- (A) Protons
 - (B) Electrons
 - (C) Neutrons
 - (D) Nucleus
-

87. A charge of 1 coulomb passing any point in the circuit every second is equal to

- (A) 1 ohm
 - (B) 1 ampere
 - (C) 1 volt
 - (D) 1 watt
-

88. Calcium deficiency in the body occurs in the absence of

- (A) Vitamin C
- (B) Vitamin D
- (C) Vitamin B
- (D) Vitamin K

89. World Water Day is celebrated on

- (A) 14th July
 - (B) 12th December
 - (C) 23rd January
 - (D) 22nd March
-

90. If the current in a circuit equals 0 A, it is likely that the

- (A) Voltage is too high
 - (B) Resistance is too low
 - (C) Circuit is open
 - (D) Circuit is closed
-

91. Which one of the following is a secondary effect of the force of gravity that produces power?

- (A) Nuclear
 - (B) Biomass
 - (C) Coal
 - (D) Tides
-

92. Which one of the following fuels produces less carbon dioxide when burnt?

- (A) Natural gas
 - (B) Petrol
 - (C) Diesel
 - (D) Coal
-

93. Floating generators are used in the sea to harness

- (A) Tidal energy
- (B) Wave energy
- (C) Hydel energy
- (D) Energy from power plant

94. The mass of one hydrogen atom is approximately

- (A) One atomic mass unit
 - (B) Two atomic mass units
 - (C) 12 atomic mass units
 - (D) 16 atomic mass units
-

95. The speedometer of a vehicle shows which one of the following?

- (A) Acceleration
 - (B) Average speed
 - (C) Instantaneous speed
 - (D) Velocity
-

96. A wave that has a relatively long wavelength will also have a relatively

- (A) High frequency
 - (B) Long period
 - (C) Large amplitude
 - (D) High speed
-

97. What is meant by "marble cancer", due to which the Taj Mahal is turning to yellow color ?

- (A) Acidic rain which corrodes marble
- (B) A Large number of Fungi in the marble of the Taj Mahal
- (C) Yellowing of the marble on account of Soot particles
- (D) Smoke from the adjoining industries pollute the marble

98. Hooke's Law relates to the

- (A) Distance a spring stretches to the force applied to the spring
 - (B) Distance a spring stretches to the mass of the spring
 - (C) Distance a spring stretches to the density of the spring
 - (D) Density of a spring to the force applied to the spring
-

99. Which one of the following physical quantities of an object is specified by its speed and direction?

- (A) Time
 - (B) Acceleration
 - (C) Mass
 - (D) Velocity
-

100. The most common material used in making solar cells is

- (A) Silver
- (B) Iron
- (C) Aluminum
- (D) Silicon

Section 5 – Reasoning Ability

101. Find the next number of the series 6, 24, 120, 720,.....

- (A) 1920
- (B) 2880
- (C) 5760
- (D) 5040

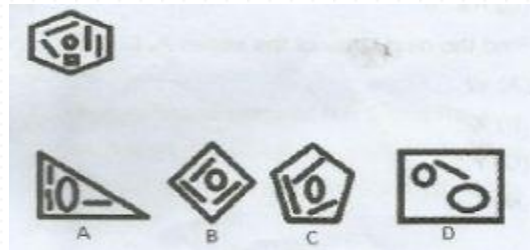
102. In a certain language "MANAGEMENT" is coded as "HBOBNUOFNF". In the same language "MOTHER" is coded as

- (A) UPNSFI
- (B) UNPFSI
- (C) UPNIFS
- (D) USFPNI

103. A two digit number is such that 6 times the sum of its digits is equal to that number. How many such numbers are possible?

- (A) 1
- (B) 2
- (C) 3
- (D) 4

104. From the given options choose the figure that is similar to the one that is given below.

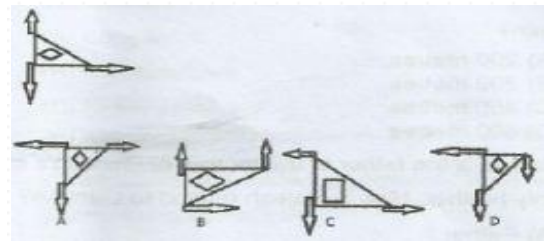


- (A) Figure A
- (B) Figure B
- (C) Figure C
- (D) Figure D

105. What is the distance covered by a car in 15 minutes, if the car is moving at a speed of 80 Kmph?

- (A) 20 Kms
- (B) 15 Kms
- (C) 30 Kms
- (D) 40 Kms

106. From the given options choose the figure that is similar to the one that is given below.



- (A) Figure A
- (B) Figure B
- (C) Figure C
- (D) Figure D

107. Direction to answer the question: In the question, a statement is followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows the given statement.

Statement:- All students studying in BPS are intelligent and Nitesh is one among them.

Conclusion I:- Nitesh is intelligent.

Conclusion II:- No other college is as good as BPS.

- (A) Only I follows
- (B) Only II follows
- (C) Either I or II follows
- (D) Neither I nor II follows

108. Find the next letter of the series B, E, I, N,

—

- (A) V
 - (B) U
 - (C) T
 - (D) S
-

109. Ram's sister is the wife of Neeraj's wife's son. How is Ram's sister related to Neeraj's daughter?

- (A) Sister
 - (B) Sister-in-Law
 - (C) Mother-in-Law
 - (D) Aunt
-

110. A train moving at a speed of 54 Kmph crosses an electric pole in 30 seconds. What is the length of the train?

- (A) 200 metres
 - (B) 300 metres
 - (C) 450 metres
 - (D) 600 metres
-

111. Rajesh is the father of the mother of Ganesh's sister's only brother. How is Rajesh related to Ganesh?

- (A) Father
- (B) Grandson
- (C) Grandfather
- (D) Uncle

112. A 10 litre solution contains milk and water in the ratio 2:3. Find the amount of milk to be added to the solution to make the ratio of milk and water 1:1.

- (A) 1 litre
 - (B) 2 litres
 - (C) 3 litres
 - (D) 4 litres
-

113. Jeevan and Raman are 480 metres apart. They started running towards each other at speeds of 2m/sec and 1 m/sec, respectively. After how many minutes will they meet?

- (A) 2 minute and 30 secs
 - (B) 1 minute and 20 secs
 - (C) 2 minutes and 40 secs
 - (D) 2 minutes
-

114. Pointing to a photograph, Aneesh says "He is the only son of my mother's husband's father". How is Aneesh related to the person in the photograph?

- (A) Son
 - (B) Brother
 - (C) Uncle
 - (D) Father
-

115. Harshit started his journey in some direction. He walked for some distance before taking a left turn. Again he walked for some distance before taking a right turn. Now he is moving in the North-East direction. In which direction did he start his journey?

- (A) North-East
- (B) South-East
- (C) South
- (D) North

116. Subhash started from his house walking in the north direction for 2 kms. Then he took a left turn and walked for another 2 kms. Again he took a left turn and walked for 3 kms. In which direction is he with respect to his house?

- (A) South-East
 - (B) South-West
 - (C) North-West
 - (D) North-East
-

117. The price of 4 different fruits: Orange, Apple, Mango and Watermelon are Rs. 2, Rs. 3, Rs. 6 and Rs. 8, not necessarily in the same order. Watermelon is costlier than only 1 fruit. Mango is costlier than orange but cheaper than Apple. What is the cost of an Apple?

- (A) Rs. 2
 - (B) Rs. 3
 - (C) Rs. 6
 - (D) Rs. 8
-

118. Find the next letter of the series A, D, I, P.....

- (A) W
 - (B) X
 - (C) Y
 - (D) Z
-

119. A frog which is trying to come out of a well climbs 3 mts every minute and slips down 1 mt, the next minute. If the height of the well is 50 mts, how much time will it take to come out of the well?

- (A) 48 $\frac{2}{3}$ minutes
- (B) 50 minutes
- (C) 49 minutes
- (D) 47 minutes

120. Find the next number of the series 4,27, 16, 125, _

- (A) 36
 - (B) 216
 - (C) 49
 - (D) 64
-

121. Raj is standing in a row. He is 15th from the left and 14th from the right. How many students are there in that row?

- (A) 27
 - (B) 28
 - (C) 29
 - (D) 30
-

122. In a certain language "ATMOSPHERE" is coded as "FSFIQTPNUB". In the same language "LANGUAGE" is coded as

- (A) FBVHHOBM
 - (B) FHBVHOBM
 - (C) FBHVHBOM
 - (D) FHVHBOMB
-

123. Find the next term in the series BC5, DE9, FG13,___

- (A) IJ17
- (B) H117
- (C) JK18
- (D) KL19

124. There were some coins of Rs. 2 and Rs. 5 denomination. Totally, there were 11 coins and their worth was Rs. 40. How many Rs. 2 coins are there?

- (A) 5
 - (B) 6
 - (C) 4
 - (D) 8
-

125. Starting from his office, Stephen rode his bike 5 kms in the south direction. Then he took a left turn and rode his bike for another 12 kms and reached his house. How far is his house from the office, represented in kilometres?

- (A) 15
- (B) 17
- (C) 13
- (D) 14

Section 6 : Computer Applications

126. Which of the following schedulers is also known as a dispatcher?

- (A) Long term
 - (B) Medium term
 - (C) Never ending
 - (D) Short term
-

127. Which one of the following protocols assigns IP addresses automatically?

- (A) DHCP
 - (B) IP
 - (C) TCP
 - (D) RCP
-

128. Which of the following is a web browser used to access the Internet?

- (A) Microsoft Access
 - (B) Google Chrome
 - (C) Adobe Reader
 - (D) Flash
-

129. Which generation of computers was VLSI microprocessor based in?

- (A) First generation
- (B) Fourth generation
- (C) Fifth generation
- (D) Third generation

130. Which of the following input devices is used to read printed text?

- (A) MICR
 - (B) OCR
 - (C) OMR
 - (D) digitizer
-

131. IPv6 addresses are

- (A) 32 bits
 - (B) 64 bits
 - (C) 128 bits
 - (D) 256 bits
-

132. Which of the following files starts MS Word?

- (A) Word.exe
 - (B) Winword.exe
 - (C) Msword.exe
 - (D) Windowword.exe
-

133. Gutter margin in Microsoft Word is added to the

- (A) Top margin while displaying
 - (B) Right margin while preview
 - (C) Binding side of page while printing
 - (D) Right margin while slide show
-

134. Which online storage drive service is provided by Microsoft?

- (A) One Drive
- (B) Google Drive
- (C) MicDrive
- (D) iCloud

135. What is a mnemonic?

- (A) Abbreviation for operand address
 - (B) Abbreviation for data word
 - (C) Each word of a machine language
 - (D) Abbreviation for operation to be performed
-

136. Which of the following is TRUE for system software in comparison with application software?

- (A) They are slower in speed
 - (B) They are less interactive
 - (C) They are bigger in size
 - (D) They are easier to design and understand
-

137. RAM and ROM are types of which memory?

- (A) Cache memory
 - (B) Independent memory
 - (C) Primary memory
 - (D) Secondary memory
-

138. What is the speed of a PCI bus on most of the systems?

- (A) 22MHz
 - (B) 35MHz
 - (C) 33MHz
 - (D) 36MHz
-

139. The wheel on the mouse is used to

- (A) Select
- (B) Highlight
- (C) Scroll
- (D) Shutdown

140. Which of the following describes Belady's Anomaly?

- (A) The execution time increases when more frames are allocated to the process
 - (B) The execution time decreases when more frames are allocated to the process
 - (C) The execution time doubles when more frames are allocated to the process
 - (D) The execution time remains same irrespective of the number of frames
-

141. Which of the following describes Coffman's mutual exclusion condition that leads to dead lock?

- (A) A process may be allocated some resources while waiting for others
 - (B) No resource can be forcibly removed from a process holding it
 - (C) Only one process may use a critical resource at a time
 - (D) A closed chain of processes exist such that each process holds at least one resource needed by another process in the chain
-

142. Which one of the following is an objective of the operating system?

- (A) Makes it complicated for the user to use the computer system
- (B) De-allocates the memory when the process needs it or still running
- (C) Acts as a blocking wall between hardware and its user
- (D) To manage the resources of the computer system

143. Which of the following is TRUE with reference to hardware and software of a computer?

- (A) Hardware is the soul and software is the heart
 - (B) Hardware can operate alone, without software
 - (C) Hardware is a set of programs
 - (D) Software acts as an interface between user and hardware
-

144. The header and footer will appear by default on

- (A) The first page
 - (B) The last page
 - (C) Alternate pages
 - (D) All the pages
-

145. Which one of the following is a multi-user computer supporting thousands of users simultaneously and many simultaneous execution of programs?

- (A) Mainframe
 - (B) Mini computer
 - (C) Super computer
 - (D) Work station
-

146. ISP stands for

- (A) Internet Service Provider
- (B) Internet Standard Provision
- (C) Internet Server Provider
- (D) International Service Provider

147. CTRL + J in Microsoft Word is the shortcut used to

- (A) Align Justify
 - (B) Jump to top of the page
 - (C) Jump to bottom of the page
 - (D) Zoom the page
-

148. Which one of the following devices can convert a signal from camera to a series of numbers to be stored in a computer?

- (A) Digitizer
 - (B) Scanner
 - (C) OMR
 - (D) MICR
-

149. Which one of the following is an output device in a computer?

- (A) Joy stick
 - (B) Track ball
 - (C) Microphone
 - (D) Graphic plotter
-

150. Which of the following is a reason for process suspension instead of termination?

- (A) Invalid instruction
- (B) Memory unavailable
- (C) Privileged instruction
- (D) Interactive user request

Answer Key

1	B	31	A	61	B	91	D	121	B
2	C	32	B	62	D	92	A	122	B
3	C	33	B	63	A	93	B	123	B
4	C	34	B	64	B	94	A	124	A
5	B	35	C	65	A	95	C	125	C
6	A	36	B	66	B	96	B	126	D
7	A	37	A	67	C	97	A	127	A
8	D	38	A	68	A	98	A	128	B
9	C	39	D	69	B	99	D	129	B
10	C	40	A	70	A	100	D	130	B
11	A	41	A	71	D	101	D	131	C
12	A	42	C	72	C	102	A	132	B
13	A	43	B	73	C	103	A	133	C
14	C	44	D	74	D	104	B	134	A
15	B	45	B	75	B	105	A	135	D
16	A	46	B	76	C	106	A	136	B
17	C	47	C	77	D	107	A	137	C
18	B	48	B	78	B	108	C	138	C
19	D	49	A	79	C	109	B	139	C
20	A	50	A	80	C	110	C	140	A
21	D	51	D	81	D	111	C	141	C
22	A	52	C	82	C	112	B	142	D
23	B	53	A	83	A	113	C	143	D

24	B	54	D	84	C	114	A	144	D
25	D	55	B	85	C	115	A	145	A
26	D	56	B	86	D	116	B	146	A
27	C	57	C	87	B	117	D	147	A
28	A	58	D	88	B	118	C	148	A
29	B	59	C	89	D	119	A	149	D
30	A	60	A	90	C	120	A	150	D

JKSSB Graduate Level Nov 2015 Question Paper

1. Ozone depletion begins when CFC's get into the stratosphere. Ultra-violet radiation from the sun breaks up these CFCs and this breaking up action releases.

- (A) chlorine atoms
 - (B) hydrogen atoms
 - (C) carbon atoms
 - (D) nitrogen atoms
-

2. Who among the following is the first space tourist in the world?

- (A) Rakesh Sharma
 - (B) Yuri Gargian
 - (C) Dennis Tito
 - (D) JM Brearley
-

3. Some ions and molecules in the biological organisms are able to move through tissues, and membranes. In this regard, the process through which water moves is known as

- (A) Transfusion
- (B) Diffussion
- (C) osmosis
- (D) active transport

4. Re-arrange the following sentences to form a meaningful paragraph-

- a. So one evening when I heard fire engines with loud alarm bells
- b. I had never seen a house on fire before
- c. and a few streets away, joined a large crowd of people
- d. I quickly ran out.

- (A) d, a, b, c
 - (B) b, a, d, c
 - (C) b, d, c, a
 - (D) d, c, a, b
-

5. Which of the following spices is grown in the state of Jammu and Kashmir?

- (A) Pepper
 - (B) Saffron
 - (C) Ginger
 - (D) Aniseed
-

6. Which of the following is application software?

- (A) Interpreter
- (B) Microsoft Word
- (C) Microsoft Windows
- (D) Compiler

7. In which year was the Rajiv Gandhi Khel Ratna (RGKR) award, the highest honour given for the achievement in sports in India instituted?

- (A) 2000-2001
 - (B) 1995-1996
 - (C) 1991-1992
 - (D) 1988-1989
-

8. Select the meaning of the underlined phrase-

People who talk shop are generally unbearable.

- (A) talk about shopping
 - (B) shop a lot
 - (C) talk exclusively about their business or work
 - (D) like to go shopping
-

9. Select the right option

Although the management knew that they were _____ their budget, they _____ to all the demands of the workers.

- (A) exceeding, acceded
 - (B) acceding, exceeded
 - (C) exceeding, exceeded
 - (D) acceded, acceding
-

10. Select the right modal for the blank-

His grandfather _____ golf very well.

- (A) would play
- (B) could played
- (C) could play
- (D) may play

11. Mangal Pandey, attacked and fired at his senior at Barrackpore in Bengal on

- (A) June 12th, 1856
 - (B) April 22nd, 1856
 - (C) May 10th, 1857
 - (D) March 29th, 1857
-

12. Each part of IP address is always a number in the range

- (A) 1-255
 - (B) 0-255
 - (C) 1-256
 - (D) 0-256
-

13. A solid, on heating, directly changes into a gas without melting, it is called as

- (A) Diffusion
 - (B) Distillation
 - (C) Sublimation
 - (D) Condensation
-

14. 'Print Screen' key on the keyboard is a type of

- (A) function key
 - (B) control key
 - (C) typing key
 - (D) special purpose key
-

15. If 38 is related to 424 then 65 is related to

- (A) 730
- (B) 815
- (C) 911
- (D) 950

16. If a train of length 100 meters crosses a bridge in 20 minutes with a speed of 40 meters per minute then the length of the bridge will be

- (A) 500 meters
 - (B) 600 meters
 - (C) 750 meters
 - (D) 700 meters
-

17. Solar cookers use direct sunlight to cook food and vegetables. Which type of solar cooker is also known as a concentrator cooker?

- (A) Solar Parabolic Cooker
 - (B) Solar Panel Cooker
 - (C) Solar Box Cooker
 - (D) Direct Solar Cooker
-

18. Which of the following is used to scan text character by character, convert them into machine readable code and store text on system memory?

- (A) MICR (Magnetic Ink Card Reader)
 - (B) QCR (Optical Character Recognition)
 - (C) OMR (Optical Mark Reader)
 - (D) Bar code reader
-

19. Which of the following rivers is known as 'The Veth'?

- (A) Tawi
- (B) Chenab
- (C) Indus
- (D) Jhelum

20. Fill in the blank with the correct option:
They set out on their journey at----- daybreak.

- (A) a
 - (B) an
 - (C) the
 - (D) no article
-

21. Bookmarks are used in MS Word to

- (A) easily correct the spelling errors
 - (B) jump to specific location in the document
 - (C) jump to the end of the document
 - (D) jump to the start of the document
-

22. Which of the following can be used in making transistors?

- (A) Germanium
 - (B) Porcelain
 - (C) Aluminium
 - (D) Plastic
-

23. Saprophytic chain is also known as

- (A) Parasitic food chain
 - (B) Detritus food chain
 - (C) Primary food chain
 - (D) Predator food chain
-

24. Where was the SAARC Preferential Trading Arrangement (SAPTA) signed?

- (A) Dhaka
- (B) New Delhi
- (C) Islamabad
- (D) Colombo

25. Choose the correct conclusion that follows the given statements

Statements:

All bananas are yellow in colour.

No yellow-coloured things are expensive.

Conclusions:

I. All bananas are expensive.

II. Yellow-coloured things are not expensive.

(A) Neither I nor II follows

(B) Either I or II follows

(C) Only conclusion II follows

(D) Only conclusion I follows

26. Who was the last ruling Maharaja of the princely state of Jammu and Kashmir in India?

(A) Hari Singh

(B) Gulab Singh

(C) Jambu Lochan

(D) Druv Deva

27. If a book ranks 3 from left side and ranks 82 from right side in a shelf then the total number of books in the shelf is given by

(A) 90

(B) 88

(C) 84

(D) 85

28. Select the right option-She said, "Be quiet and listen to my words."

(A) She told them to be quiet and listen to his words

(B) She urged them to be quiet and listen to her words

(C) She asked them be quiet and listen her words

(D) She told them quietly Listen to my words

29. Which of the following is the second largest lake in the state of Jammu and Kashmir?

(A) Manasbal Lake

(B) Dal Lake

(C) Wular Lake

(D) Gadsar Lake

30. The box which displays the address of the selected cell in Microsoft Excel is called

(A) cell box

(B) name box

(C) address box

(D) cell address box

31. If the statement $x > 8$ or $x < 3$ is true then $x =$

(A) 5

(B) 10

(C) 4

(D) 6

32. Which of the following treaties led to the creation of single currency 'Euro', in the continent of Europe?

- (A) Treaty of Lisbon
 - (B) Brussels Treaty
 - (C) Treaty of Amsterdam
 - (D) Maastricht Treaty
-

33. Who among the following has a record of becoming the first man to leap 2400 feet and safely land without using a parachute?

- (A) Steve Mcharty
 - (B) Yasuhiro Kubo
 - (C) Gary Connery
 - (D) Craig Glenday
-

34. Select the right option-

The mother asked her son to _____ proper clothes, no matter _____ he went.

- (A) wear, where
 - (B) where, wear
 - (C) wear, where
 - (D) wear, wear
-

35. Who among the following persons from Jammu & Kashmir was awarded Padma Shri 2015 in the field of literature and education?

- (A) Shri Naresh Bedi
- (B) Dr. Bettina Sharada Baumer
- (C) Shri Chewang Norphel
- (D) Shri Jadav Molai Peyang

36. Which of the following parts of human body contain(s) less water?

- (A) Lungs
 - (B) Brain
 - (C) Bones
 - (D) Kidneys
-

37. Which of the following members of United Nations has the veto power and is a permanent member of the security council?

- (A) The United Kingdom
 - (B) Germany
 - (C) Australia
 - (D) Japan
-

38. The Supreme Court of India was instituted in

- (A) 1949
 - (B) 1950
 - (C) 1952
 - (D) 1947
-

39. Which of the following is an invalid email address?

- (A) myemail..id@example.com
- (B) my.emaiUd@example.com
- (C) my_email_id@example.com
- (D) my_email.id@example.com

40. Who was the founder of Jammu?

- (A) Druv Deva
 - (B) Jonaraja
 - (C) Raja Jamboo Lochan
 - (D) Gulab Singh
-

41. Select the meaning of the underlined phrase-

The bank won't accept the guarantee of a man of straw.

- (A) a man carrying straw
 - (B) a man living in straw house
 - (C) a man having only one straw
 - (D) a man of no substance
-

42. Which of the following statements is incorrect regarding velocity?

- (A) Velocity of a body is its speed in a specified direction
 - (B) Velocity does not have magnitude
 - (C) Velocity is a vector quantity
 - (D) Units of velocity are the same as units of speed
-

43. Fill in the blank with the correct preposition:

The climate of Kerala does not agree

_____ him.

- (A) to
- (B) for
- (C) on
- (D) with

44. Select the right option-

"Please don't go away," the girl said to him.

- (A) To him the girl said please don't go away
 - (B) The girl told him please not go away
 - (C) The girl begged him not to go away
 - (D) The girl begged to him that he not go away
-

45. Select the right option-

Though he was-----with a silver spoon in his mouth, he had to-----many difficulties in his life.

- (A) born, bare
 - (B) born, bear
 - (C) borne, bear
 - (D) borne, bare
-

46. When was the 14th His Holiness the Dalai Lama, spiritual leader of Tibet born?

- (A) 1940
 - (B) 1948
 - (C) 1929
 - (D) 1935
-

47. Which of the following rivers serves for Salal hydel project of Jammu and Kashmir?

- (A) Jhelum
- (B) Indus
- (C) Suru
- (D) Chenab

48. Which of the following lakes lies in the Jammu region of Jammu and Kashmir state?

- (A) Suraj Tal Lake
 - (B) Sumendu Lake
 - (C) Sattal Lake
 - (D) Mansar Lake
-

49. Predatory, single-celled creatures with shells made of calcium carbonate are called as

- (A) Copepods
 - (B) Radiolaria
 - (C) Foraminifera
 - (D) Microcystis
-

50. What is the official currency of Egypt?

- (A) Egyptian Dollar
 - (B) Dirham
 - (C) Egyptian Pound
 - (D) Euro
-

51. Which of the following performs the conversion of an assembly language code into a machine language code?

- (A) Interpreter
- (B) Compiler
- (C) Assembler
- (D) Comparator

52. In a human respiratory system the air-sacs at the end of bronchioles are known as

- (A) Pharynx
 - (B) Larynx
 - (C) Trachea
 - (D) Alveoli
-

53. Dravidian languages of southern India use which of the following scripts?

- (A) Devanagari script
 - (B) Brahmi script
 - (C) Gurmukhi script
 - (D) Bhujimol script
-

54. Identify the noun clause in the sentence-He denied that he had written the letter.

- (A) he denied that
 - (B) that he had written
 - (C) that he had written the letter
 - (D) written the letter
-

55. Fill in the blank with the correct preposition:

I purposely refrained _____ saying more.

- (A) for
 - (B) with
 - (C) from
 - (D) to
-

56. If D=3 and MAPLE=42 then FISH is coded as

- (A) 74
- (B) 38
- (C) 69
- (D) 25

57. Assembly language is a

- (A) machine language
 - (B) high level language
 - (C) low level language
 - (D) language which helps in assembling computers
-

58. George Simon Ohm defines the unit of resistance of "1 Ohm" as the resistance between two points in a conductor where the application of 1 volt will push 1 ampere, or 6.241×10^{18} electrons. This value is usually represented in schematics with the Greek letter

- (A) n
 - (B) 0
 - (C) ψ
 - (D) Ω
-

59. Select the noun clause in the given sentence-That you have come pleases me.

- (A) Set you have come
 - (B) pleases me
 - (C) have come
 - (D) that you
-

60. 1024 bytes is

- (A) 1 Megabyte
- (B) 1 Gigabyte
- (C) 1 Kilobyte
- (D) 1 Bit

61. In order to use format painter multiple times, we should

- (A) click on lock format painter icon
 - (B) double click on the format painter icon
 - (C) click on multiple use option under format painter
 - (D) it cannot be used multiple times
-

62. We do not know how to manage our machines.

Machines were made to be man's servants; yet has grown so dependent on them that they are in a fair way to become his masters. Already most men spend most of their lives looking after and waiting upon machines. And the machines are very stern masters. They must be fed with coal, and given petrol to drink, and oil to wash with, and they must be kept at the right temperature. And if they do not get their meals when they expect them, they grow sulky and refuse to work, or burst with rage, and blow up, and spread ruin and destruction all around them. So we have to wait upon them very attentively and do all that we can to keep them in a good temper. Already we find it difficult either to work or play without the machines, and a time may come when they will rule us altogether, just as we rule the animals.

The underlined pronoun in the sentence- 'they must be fed with coal', refers to

- (A) servants
- (B) people
- (C) machines
- (D) animals

63. Which one of the following historical icons inaugurated the newspaper, 'The Hindustan Times' in the year 1924?

- (A) Pandit Jawaharlal Nehru
 - (B) Dr. Rajendra Prasad
 - (C) Mahatma Gandhi
 - (D) Subhash Chandra Bose
-

64. Halons are ozone depleting substances. Halon 1211 has been widely used in

- (A) refrigeration
 - (B) manufacturing of polyurethane
 - (C) solvents
 - (D) portable fire extinguisher
-

65. Identify the next number of the number series 31, 40, 65, ...

- (A) 85
 - (B) 93
 - (C) 114
 - (D) 120
-

66. Identify the correct option that follows the pattern given in the series below BTBP, CUCQ, DVDR, ...

- (A) FTPL
- (B) ANER
- (C) EWES
- (D) ZSDX

67. Which of the following straits separate Russia from Alaska?

- (A) Gibraltar strait
 - (B) Palk strait
 - (C) Bering strait
 - (D) Johor strait
-

68. If the distance covered by a car moving with speed of 500 m/s is 5 km then the time of travel is given by

- (A) 20 seconds
 - (B) 15 seconds
 - (C) 10 seconds
 - (D) 05 seconds
-

69. In which of the following waves, particles of the medium undergo a circular motion?

- (A) Transverse wave
 - (B) Longitudinal wave
 - (C) Surface wave
 - (D) Mechanical wave
-

70. Identify the noun clause in the given sentence-Her belief that someday she would succeed, proved to be true.

- (A) her belief that some day
- (B) that someday she would succeed
- (C) proved to be true
- (D) she would succeed

71. Who was the writer of 'Rajatarangini' that records the oldest and fullest history of the legendary kings of Kashmir?

- (A) Jalhana
 - (B) Kalhana
 - (C) Bhattikavya
 - (D) Vasugupta
-

72. The official reunification of East and West Germany was conducted on

- (A) 03rd October, 1950
 - (B) 11th September, 1987
 - (C) 03rd January, 1990
 - (D) 15th December, 1991
-

73. The time taken to respond, should be least in

- (A) Network operating system
 - (B) Real time operating system
 - (C) Batch operating system
 - (D) Unix operating system
-

74. Dr. Muhammad Iqbal, famous international personality is related to which of the following areas?

- (A) Film Industry
- (B) Television Drama
- (C) Poetry
- (D) Painting

75. Anaerobic digestion is a process of producing biogas in the absence of

- (A) Nitrogen
 - (B) Oxygen
 - (C) Hydrogen
 - (D) Carbon dioxide
-

76. Protons are made of other particles called quarks. There are three quarks in each proton — two "up" quarks and one "down" quark, which are surrounded or held together by other particles called

- (A) Ions
 - (B) Gluons
 - (C) Photons
 - (D) Nucleons
-

77. According to historians, Kashmir valley was originally known by which of the following names?

- (A) Baramulla
 - (B) Kashmar
 - (C) Kaspeiria
 - (D) Kashyapmar
-

78. Which of the following is an example of longitudinal waves?

- (A) Tsunami waves
- (B) Ultraviolet waves
- (C) Television waves
- (D) Gamma rays

79. Fill in the blank with the correct form of the verb: I-----for two hours when you arrive.

- (A) was sleeping
 - (B) will have been sleeping
 - (C) am sleeping
 - (D) had slept
-

80. Select the appropriate synonym for the underlined word-

It was a stormy night, and the waves dashed against each other.

- (A) calm
 - (B) serene
 - (C) windy
 - (D) quiet
-

81. Which key on the keyboard can be used to open the file menu option in internet explorer?

- (A) Shift F key
 - (B) Alt F key
 - (C) Ctrl F key
 - (D) F4 key
-

82. If Keyboard is related to Monitor then Equation is related to-

- (A) Property
- (B) Solution
- (C) RAM
- (D) System

83. ROM is a type of

- (A) volatile memory
 - (B) non-volatile memory
 - (C) static memory
 - (D) dynamic memory
-

84. Which of the following nations is one of the nine observer countries of SAARC?

- (A) Vietnam
 - (B) France
 - (C) Japan
 - (D) New Zealand
-

85. The branch of Physics which deals with the description of motion of objects without reference to the force or agent causing motion in it, is called

- (A) mechanics
 - (B) thermodynamics
 - (C) kinetics
 - (D) kinematics
-

86. Which of the following is TRUE for the hardware of a computer?

- (A) One hardware can support only one type of software
- (B) Hardware can function independently without software
- (C) Hardware is a continuous expense
- (D) Hardware is a one-time expense

87. 'Nani Palkhivala: Courtroom Genius', is authored by which of the following personalities?

- (A) Fali S. Nariman
 - (B) Cyrus Mistry
 - (C) Robert Browning
 - (D) Soli J. Sorabjee
-

88. Renuka lake is situated in which of the following states of India?

- (A) Arunachal Pradesh
 - (B) Jammu and Kashmir
 - (C) Himachal Pradesh
 - (D) Uttarakhand
-

89. Fill in the blank with the correct form of the verb:

Kumar fell off the ladder when he _____ the roof.

- (A) is mending
 - (B) was mending
 - (C) mended
 - (D) is mend
-

90. Which of the following is one of the six official languages of the United Nations?

- (A) Greek
- (B) Portuguese
- (C) Hindi
- (D) Spanish

91. The Bahu fort is situated on the banks of the river

- (A) Tawi
 - (B) Ravi
 - (C) Chenab
 - (D) Jhelum
-

92. The number of 2 digit numbers formed using 3, 5, 7, and 9 in which the digits must not be repeated, is

- (A) 48
 - (B) 24
 - (C) 12
 - (D) 50
-

93. Which of the following novels has won the Pulitzer prize 2015 in the category of fiction?

- (A) The Ophan Master's son
 - (B) Stag's Leap
 - (C) All the Light We Cannot See
 - (D) The Black count
-

94. Which part of the email address someone@example.com is called the domain name?

- (A) someone
- (B) @
- (C) .com
- (D) example

95. Single Basin System is a method used to harness the

- (A) Solar energy
 - (B) Tidal energy
 - (C) Wind energy
 - (D) Nuclear energy
-

96. Which of the following displays the name of the web page in internet explorer browser?

- (A) Menu bar
 - (B) Title bar
 - (C) Address bar
 - (D) Standard tool bar
-

97. if a car moves with a speed of 50 meters per second and a jeep with 10 meters per second covering a distance of 100 meters then the time of travel for the respective vehicles will be

- (A) 2 seconds and 10 seconds
 - (B) 10 seconds and 2 seconds
 - (C) 5 seconds and 10 seconds
 - (D) 10 seconds and 5 seconds
-

98. Who was the first captain of Indian test cricket team?

- (A) Lala Amarnath
- (B) C. K. Naidu
- (C) Vijay Hazare
- (D) Polly Umrigar

99. Which of the following awards in science is given by the World Cultural Council?

- (A) Albert Einstein World Award of Science
 - (B) Shanti Swarup Bhatnagar Award
 - (C) National Bioscience Award for Career Development
 - (D) FASEB Excellence in Science Award
-

100. Which of the following is the source of river Tawi?

- (A) Bara-lacha la
 - (B) Drass
 - (C) Kailash Kund(Kalpus Kund) spring
 - (D) Chandrabhaga
-

101. If the daughter of A is niece of B then which of the following relations is correct?

- (A) A is uncle of B
 - (B) A is not related to B
 - (C) B is the brother of A
 - (D) B is the mother of A
-

102. What is the government called, when the control is exercised by a small group of individuals, whose authority generally is based on wealth or power?

- (A) Theocracy
- (B) Oligarchy
- (C) Socialism
- (D) Totalitarian

103. Ozone depletion will increase the UV radiation through atmosphere. This radiation will increase the incidence of

- (A) bone cancer
 - (B) eye cancer
 - (C) lung cancer
 - (D) skin cancer
-

104. Video cards, hard disk, power supplies etc. have to be compatible with which of the following parts of the computer?

- (A) CPU
 - (B) Monitor
 - (C) Motherboard
 - (D) Control Unit
-

105. If you end a PowerPoint presentation during slideshow by pressing the escape key, you will be taken to the

- (A) last slide of the presentation
 - (B) first slide of the presentation
 - (C) slide you were viewing in the show
 - (D) You will be prompted to choose the slide you want to go to
-

106. Which of the following devices converts mechanical energy into electrical energy?

- (A) Inverter
- (B) Battery
- (C) Solar panels
- (D) Generator

107. In which of the following districts of Jammu and Kashmir is the Manasbal lake situated?

- (A) Ganderbal
 - (B) Udhampur
 - (C) Shopia
 - (D) Bandiora
-

108. The amount of displacement from the equilibrium or rest position that is equal to one half of the wave height is known as

- (A) Amplitude
 - (B) Period
 - (C) Frequency
 - (D) Trough
-

109. International Atomic Energy Agency (IAEA) reports annually to which of the following organs of United Nations system of organization?

- (A) International Court of Justice
 - (B) World Trade Organization
 - (C) General Assembly
 - (D) Economic and Social Council
-

110. Riboflavin is other name of

- (A) Vitamin B2
- (B) Vitamin B3
- (C) Vitamin B6
- (D) Vitamin B12

111. One morning Virat and Shikhar sat in a park and 116 were discussing about the upcoming cricket series. The shadow of Virat was falling to his right and the shadow of Shikhar was falling to his left. In which direction was Virat facing?

- (A) North
 - (B) South
 - (C) East
 - (D) West
-

112. Which of the following shows the default alignment of data in Microsoft Excel?

- (A) Text is left aligned and numbers are right aligned
 - (B) Text is right aligned and numbers are left aligned
 - (C) Both the text and numbers are left aligned
 - (D) Both the text and numbers are right aligned
-

113. Which of the following was the era of Shah Jahan in Indian history?

- (A) 1605-1627
 - (B) 1707-1712
 - (C) 1628-1658
 - (D) 1759- 1806
-

114. The famous book 'Harsha Charita', is written by which of the following authors?

- (A) R.N.Tagore
- (B) Shri Aurobindo
- (C) Bana Bhatt
- (D) Kalidas

115. Which of the following can be identified by the word 'Pentium'?

- (A) RAM
 - (B) Microprocessor
 - (C) Motherboard
 - (D) Hard disk
-

116) Constitutional Monarchical form of government exists in which of the following countries?

- (A) USA
 - (B) Brazil
 - (C) China
 - (D) Spain
-

117. Choose the correct conclusion that follows the given statements

Statements:

Some teachers are actors.

Some actors are poor.

Conclusions:

I. Some teachers are poor.

II. Some poor are teachers.

- (A) Neither I nor II follows
- (B) Either I or II follows
- (C) Only conclusion II follows
- (D) Only conclusion I follows

118. Peter Higgs was awarded Nobel prize in Physics in 2013 for which of the following studies?

- (A) Understanding the origin of mass of subatomic particles
 - (B) Manipulation of Individual Quantum systems
 - (C) Discovery of Quasicrystals
 - (D) Two-dimensional material graphene
-

119. Select the right modal for the blank- Mark _____ left early, then he wouldn't have missed his flight.

- (A) may have
 - (B) should have
 - (C) might have
 - (D) would have
-

120. Who among the following became the first winner of the Man Booker Prize in 2002?

- (A) Paul Scott
 - (B) Eleanor Catton
 - (C) Yann Martel
 - (D) Stanley Middleton
-

121. One of the great sports icon and boxing legend Muhammad Ali belongs to which of the following countries?

- (A) Algeria
- (B) Indonesia
- (C) Russia
- (D) USA

122. In which year did the state of Sikkim become the integral part of India after holding the referendum?

- (A) 1981
 - (B) 1950
 - (C) 1975
 - (D) 1955
-

123. The finals of the Stanley cup, Ice Hockey Championship trophy held in June 2015 was played at

- (A) Olympiastadion in Berlin, Germany
 - (B) London, England
 - (C) Quebec City, Canada
 - (D) Tampa Bay and Chicago, USA
-

124. John started from his house. He walked 5 kms towards South direction. Then he took a right turn and walked for around 3 kms. Again he took a right turn and walked for around 5 kms. In which direction is he with respect to his house?

- (A) North
 - (B) South
 - (C) East
 - (D) West
-

125. Which of the following units communicates with input/output device for transfer of data?

- (A) RAM
- (B) Memory unit
- (C) Storage unit
- (D) Control unit

126. if the statement $x > 12$ and $x < 15$ is false then $x =$

- (A) 10.5
 - (B) 13.5
 - (C) 14.5
 - (D) 14.8
-

**127. Fill in the blank with the correct option:
I cannot forget _____ kindness with which she treated me.**

- (A) a
 - (B) an
 - (C) the
 - (D) no article
-

128. If A is the sister of B and C is the son of B then which of the following relations is correct?

- (A) C is the nephew of A
 - (B) C is the niece of A
 - (C) A is not related to C
 - (D) A is the brother of C
-

129. Tritium is an isotope of hydrogen. Its structure has

- (A) 1 proton, 1 electron, and 2 neutrons
- (B) 1 proton, 1 electron, and 1 neutron
- (C) 1 proton, 2 electrons and 1 neutron
- (D) 1 proton, 2 electrons and 2 neutrons

130. Which of the following is an output device?

- (A) Joy stick
 - (B) Scanner
 - (C) Graphic plotter
 - (D) Light pen
-

131. In the atmosphere which of the following reacts with volatile organic compounds (VOCs) to produce ground-level ozone through a complicated chain reaction mechanism?

- (A) Sulphur dioxide
 - (B) Hydrogen peroxide
 - (C) Nitrogen oxides
 - (D) Carbon monoxide
-

132. If PENDRIVE is coded as 12496572 and POND as 1349 then DROP will be coded as

- (A) 9631
 - (B) 6579
 - (C) 4354
 - (D) 9276
-

133. Diamonds are a crystal form of

- (A) Pure Magnesium
- (B) Pure Carbon
- (C) Pure Silicon
- (D) Pure Sulphur

134. The next edition of the Asian Cup for the year 2019, run by the Asian Football Confederation (AFC) will be held at

- (A) UAE
 - (B) India
 - (C) Thailand
 - (D) Qatar
-

135. Plasma panel and LED monitors are what type of displays?

- (A) Non Emissive
 - (B) Emissive
 - (C) Holographic
 - (D) Laser
-

136. Kentucky Derby, event is associated with which of the following sports?

- (A) Rugby
 - (B) Golf
 - (C) Baseball
 - (D) Horse Racing
-

137. Computers of which generation are known as 'Integrated circuit based' computers?

- (A) Generation 3
- (B) Generation 2
- (C) Generation 4
- (D) Generation 5

138. Select the right option-

"Hurry up," he said to his servant, "do not waste time."

- (A) He asked his servant to hurry up and not to waste time
 - (B) He told his servant he had to hurry up and not to waste time
 - (C) He requested his servant hurry up and not wasting time
 - (D) He told his servant not wasting time he should hurry up
-

139. Who is the first woman from India to win a 'Gold Medal' in Asian Games?

- (A) Bhagyashree Thipsay
 - (B) Kamijit Sandhu
 - (C) Santosh Yadav
 - (D) Aarti Saha
-

140. Which of the following statements is incorrect regarding transportation of water, food and minerals in plants?

- (A) The transport of water and dissolved mineral salts from the roots to the leaves is known as ascent of sap
- (B) Water and minerals are transported from the roots upwards through the phloem tissues
- (C) The pressure with which water is pushed into the xylem tubes of the root is called root pressure
- (D) Sucrose is the main form of carbohydrate that is translocated in plants

141. Which of the following was the first installed OS in PCs?

- (A) MS-DOS
 - (B) Windows
 - (C) PC-DOS
 - (D) Windows 98
-

142. Select the Appropriate Antonym for the Underlined word-

Peter was Max's ally in whatever games they played

- (A) companion
 - (B) partner
 - (C) foe
 - (D) rival
-

143. In which of the following districts of jammu and kashmir, is the Chutak Hydro electric project located

- (A) Kargil
- (B) Udhampur
- (C) leh
- (D) Doda

144. *We do not know how to manage our machines. Machines were made to be man's servants; yet has grown so dependent on them that they are in a fair way to become his masters. Already most men spend most of their lives looking after and waiting upon machines. And the machines are very stern masters. They must be fed with coal, and given*

petrol to drink, and oil to wash with, and they must be kept at the right temperature. And if they do not get their meals when they expect them, they grow sulky and refuse to work, or burst with rage, and blow up, and spread ruin and destruction all around them. So we have to wait upon them very attentively and do all that we can to keep them in a good temper. Already we find it difficult either to work or play without the machines, and a time may come when they will rule us altogether, just as we rule the animals.

In the sentence, 'they are in a fair way to become his master's', the homophone of the underlined word is

- (A) fear
 - (B) fare
 - (C) fire
 - (D) fore
-

145. Which of the following crops had the highest yield (Kg/Hectare) in the year 2012-13 in India ?

- (A) Wheat
- (B) Coarse Cereals
- (C) Pulses
- (D) Oilseeds

146. Fill in the blank with the correct preposition:

He is Married _____ my cousin

- (A) with
 - (B) to
 - (C) far
 - (D) of
-

147. Which of the following devices can be used to convert a signal from television camera into a series of numbers that could be stored in the computer?

- (A) Digitizer
 - (B) MICR
 - (C) Scanner
 - (D) OCR
-

148. If RABIT is coded as Tibar, then Physics will be coded as

- (A) SCSYHPI
 - (B) PSYHICS
 - (C) PYIHCSS
 - (D) SCISYPH
-

149. Jammu city is also known by which of the following names.

- (A) City of Temples
- (B) City of Flowers
- (C) City of Pearls
- (D) City of Lakes

150. In which year was the ASEAN, Socio cultural community (ASCC) Blueprint adopted by ASEAN group of Nations

- (A) 2001
 - (B) 2012
 - (C) 2009
 - (D) 2005
-

151. Re-arrange the following sentences to form a meaningful paragraph-

- a. Every day brings new advertisements of literary undertakings
- b. Of growing wise on easier terms than our progenitors
- c. and we are flattered with repeated promises
- d. One of the peculiarities which distinguish the present age is the multiplication of books

- (A) a, b, d, c
 - (B) d, c, b, a
 - (C) d, a, c, b
 - (D) d, b, a, c
-

152. Identify the correct option that follows the pattern given in the series below

AKHT, SBVR, QFCK, ...

- (A) FCRE
- (B) JZLK
- (C) XIUD
- (D) PYAM

153. Into how many parts is the constitution of Jammu and Kashmir divided?

- (A) 11
 - (B) 12
 - (C) 18
 - (D) 24
-

154. Select the meaning of the underlined phrase-

There is nothing so bad as washing one's dirty linen in public.

- (A) washing ones clothes in the open
 - (B) cleaning dirty clothes in the public
 - (C) discussing unpleasant private matters before strangers
 - (D) washing others dirty clothes
-

155. If $x > y + 7$ and $xy < 40$ the value of y can be

- (A) 3
 - (B) 9
 - (C) 12
 - (D) 15
-

156. Which of the following is an anthropogenic source of air pollution emissions?

- (A) Controlled burn particles used in agriculture
- (B) Volcanoes
- (C) Geysers
- (D) Radioactive decay

157. Identify the next number of the number series 18, 17, 13, ...

- (A) 4
 - (B) 5
 - (C) 6
 - (D) 7
-

158. Hassan Rouhani was elected as the President of which of the following countries in 2013?

- (A) Syria
 - (B) Kuwait
 - (C) Iran
 - (D) Saudi Arabia
-

**159. Identify the correct option that follows the pattern given in the series below
TUBA, PQYX, FGNM, ...**

- (A) STFE
 - (B) ADTR
 - (C) ZPOQ
 - (D) VGER
-

160. Ethanol is a biofuel. Which of the following statements regarding ethanol is incorrect?

- (A) Ethanol contains 35% oxygen
- (B) Ethanol is a renewable fuel produced from plants
- (C) Blending ethanol in gasoline dramatically increases carbon monoxide tailpipe emissions
- (D) Ethanol also reduces secondary particulate matter formation by diluting aromatic content in gasoline

161. Keratomalacia is caused due to deficiency of

- (A) Vitamin A
 - (B) Vitamin D
 - (C) Vitamin K
 - (D) Vitamin E
-

162. Identify the odd one out from the sequence given below

- (A) Ink
 - (B) Paper
 - (C) Pencil
 - (D) Eraser
-

163. If A is the grandfather of B and C is the Mother of B then C is

- (A) The granddaughter of A
 - (B) The daughter of A
 - (C) The grandson of A
 - (D) The brother of A
-

164. Hexadecimal equivalent of 101000010111 is

- (A) AF9
 - (B) A87
 - (C) A17
 - (D) A15
-

**165. Select the right modal for the blank-
When we lived in Malaysia, we _____ often
_____ in the restaurant next to my flat.**

- (A) will, eat
 - (B) would, eat
 - (C) have, ate
 - (D) could, eaten
-

166. Newton's first law of motion is often known as

- (A) Law of Inertia
 - (B) Law of Velocity
 - (C) Law of Speed
 - (D) Law of Rest
-

167. Which of the following is TRUE for system software in comparison with application software?

- (A) Generally written in low level language
 - (B) More interactive
 - (C) Generally written in high level language
 - (D) It is easier to design and understand
-

168. if A is the brother of B and C is the mother of A then

- (A) A is the father of C
- (B) A is not related to C
- (C) A is the sister of C
- (D) C is the mother of B

169. Fill in the blank with the correct form of the verb:

The boy _____ everyday at five O'clock.

- (A) get up
 - (B) getting up
 - (C) gets up
 - (D) got up
-

170. if CARE is coded as FCSI then JUNK will be coded as

- (A) PSWW
 - (B) KOSU
 - (C) MWoo
 - (D) LQW
-

171. Identify the next number of the number series 18,22,31,... >

- (A) 36
 - (B) 39
 - (C) 43
 - (D) 47
-

172. Fill in the blank with the correct option:

-----more they get,-----more they want.

- (A) a, a
- (B) the, a
- (C) the, the
- (D) the, an

173. In which part of the human body are the White Blood Cells or WBC produced?

- (A) Bile Duct
 - (B) Large Intestine
 - (C) Bone marrow
 - (D) Pancreas
-

174. Under whose reign was the Hari Parbat fort built?

- (A) Akbar
 - (B) Hari Singh
 - (C) Gulab Singh
 - (D) Ranjit Singh
-

175. Identify the odd one out from the sequence given below

- (A) Square
 - (B) Rhombus
 - (C) Circle
 - (D) Rectangle
-

176. Which of the following statements is incorrect regarding resistance in electrical circuit?

- (A) The amount of resistance determines whether the circuit is a "good conductor" or a "bad conductor"
- (B) Resistance can be linear in nature or non-linear in nature
- (C) Resistance can be either positive or negative
- (D) The reciprocal of resistance is called conductance

177. in which part of the constitution of Jammu and Kashmir is the Directive Principles of the State Policy mentioned?

- (A) Part III
 - (B) Part IV
 - (C) Part V
 - (D) Part VI
-

178. From which of the following constituencies did Mufti Mohammad Sayeed win the Legislative Assembly election 2014?

- (A) Vijaypur
 - (B) Bijbehara
 - (C) Anantnag
 - (D) Billawar
-

179. Which of the following types of computers is used in weather forecasting application?

- (A) Mainframe computer
 - (B) Workstation
 - (C) Super computer
 - (D) Mini computer
-

180. What should be the time frame to provide information under Jammu and Kashmir Right to information Act 2009, if it concerns the life and liberty of a person?

- (A) Twenty four hours
- (B) Forty eight hours
- (C) Thirty days
- (D) Forty days

Answer Key

1	A	31	B	61	B	91	A	121	D	151	C
2	C	32	D	62	C	92	C	122	C	152	C
3	C	33	C	63	C	93	C	123	A	153	B
4	B	34	C	64	D	94	D	124	A	154	C
5	B	35	B	65	C	95	B	125	A	155	A
6	B	36	A	66	C	96	B	126	D	156	A
7	C	37	B	67	C	97	A	127	C	157	A
8	C	38	A	68	C	98	B	128	A	158	C
9	A	39	C	69	C	99	A	129	A	159	A
10	C	40	D	70	B	100	C	130	C	160	C
11	D	41	D	71	B	101	C	131	C	161	A
12	B	42	B	72	A	102	B	132	A	162	A
13	C	43	D	73	B	103	D	133	B	163	B
14	D	44	C	74	C	104	C	134	A	164	C
15	A	45	B	75	B	105	C	135	B	165	B
16	D	46	D	76	B	106	D	136	D	166	A
17	A	47	D	77	D	107	A	137	A	167	A
18	B	48	D	78	A	108	A	138	A	168	D
19	D	49	C	79	B	109	C	139	B	169	C
20	D	50	C	80	C	110	A	140	B	170	C
21	B	51	C	81	B	111	B	141	C	171	D
22	A	52	D	82	B	112	A	142	D	172	C
23	B	53	B	83	B	113	C	143	A	173	C

24	A	54	C	84	C	114	C	144	B	174	A
25	C	55	C	85	D	115	B	145	A	175	C
26	A	56	B	86	D	116	D	146	B	176	C
27	C	57	C	87	D	117	A	147	A	177	B
28	B	58	D	88	C	118	A	148	D	178	C
29	B	59	A	89	B	119	B	149	A	179	C
30	B	60	C	90	D	120	C	150	C	180	B

JKSSB Graduate Level 2014 Question Paper

1. Fill in the blank with the suitable homonym from the choices provided:

The celebrity tried not to be too.....and moved slowly away from the crowd.

- (a) conscious
 - (b) conscientious
 - (c) conspicuous
 - (d) consensus
-

2. Antonym of 'fragrance' is

- (a) Aroma
 - (b) Stink
 - (c) Cologne
 - (d) Pungent
-

3. Antonym of 'pompous' is

- (a) Humble
- (b) Grandiose
- (c) Shy
- (d) Coy

4. Which of the following choices is the correct reported speech of the question statement?

He said, "Alas, I have lost my reputation!"

- (a) He said sadly that alas he had lost his reputation
 - (b) He exclaimed sadly that he had lost his reputation
 - (c) He exclaimed that he had been losing his reputation
 - (d) He exclaims sadly that he has lost his reputation
-

5. Identify the appropriate clause that makes the question statement, a meaningful sentence:

The city is more developed,.....

- (a) than it, formerly, never was
 - (b) than it, formerly, was
 - (c) as it, formerly, was
 - (d) since it, formerly, was
-

6. Complete the sentence with the suitable pair of words:

Read the speech.....until you perfect it.

- (a) over and out
- (b) over and over
- (c) out and out
- (d) to and from

**7. Identify the appropriate clause that makes
0: the question statement, a meaningful
sentence:**

.....was obvious from the way he spoke.

- (a) In as much as, he did not prepare well
 - (b) Whether or not he did not prepare well
 - (c) In case he did not prepare well
 - (d) That he did not prepare well
-

**8. Complete the sentence with the suitable
pair of words:**

**A warranty from a company does not cover the
usual.....of long use.**

- (a) high and low
 - (b) wear and tear
 - (c) din and bustle
 - (d) bits and pieces
-

**9. Fill in the blank with the correct article:
The magician took pity on.....mouse and
turned it into....cat.**

- (a) a, the
- (b) the, a
- (c) a, no article required
- (d) an, a

**10. Fill in the blank with the appropriate
phrase:**

**He does not want to antagonise either of his
friends by siding with one of them. He prefers
to.....**

- (a) spill the beans
 - (b) take a cue
 - (c) shift his ground
 - (d) sit on the fence
-

**11. Select the right antonym for the underlined
word :**

**The woman glanced, pensively at the money
she received, thinking of all the things, she
could buy.**

- (a) Dreamily
 - (b) Wistfully
 - (c) Thoughtfully
 - (d) Thoughtlessly
-

**12. Which of the following choices is the
correct reported speech of the question
statement?**

I said to A, "Do you see what I mean" ?

- (a) I asked A did she see what I meant
- (b) I asked A, if she saw what she meant
- (c) I wanted to know, if A was seeing what I meant
- (d) I asked A, if she saw what I meant

13. Fill in the blank with the correct preposition:

The lady decided to go back her unfinished lunch.

- (a) to
 - (b) for
 - (c) towards
 - (d) on
-

14. Fill in the blank with the correct pronoun:

He was beside.....with rage on coming to know that he had been cheated.

- (a) his
 - (b) him
 - (c) himself
 - (d) he
-

15. Complete the sentence with the suitable modal:

The watchman of the park told the poor man, 'You.....not sleep here'.

- (a) will
- (b) may
- (c) could
- (d) can

16. Complete the sentence with the suitable pair of words:

The opposition in parliament should function as an effective system of.....to ensure good governance.

- (a) checks and balances
 - (b) null and void
 - (c) high and mighty
 - (d) bread and circuses
-

17. Fill in the blank with the correct preposition:

She scoffed.....his self-professed great innovations.

- (a) about
 - (b) on
 - (c) for
 - (d) at
-

18. Fill in the blank with the correct article:

.....things are better left unsaid.

- (a) a
 - (b) an
 - (c) the
 - (d) no article required
-

19. Select the right antonym for the underlined word :

She has a nimble mind.

- (a) Lively
- (b) Brisk
- (c) Swift
- (d) Clumsy

20. Which of the following choices is the correct reported speech of the question statement?

She said to her daughter, “Don ’t worry, everything shall be fine ”.

- (a) She told her daughter to not worry as everything should be fine
 - (b) She comforted her daughter asking her not to worry as everything shall be fine
 - (c) She advised her daughter to not to worry as everything was going to be fine
 - (d) She comforted her daughter telling her not to worry as everything would be fine
-

21. Which of the following choices is the correct reported speech of the question statement?

The reporter said, “This is indeed a great tragedy

- (a) The reporter said that this was indeed a great tragedy
- (b) The reporter asked that that is indeed a great tragedy
- (c) The reporter says that that would be indeed a great tragedy
- (d) The reporter said that that was indeed a great tragedy

22. Rearrange the following sentences into coherent paragraph:

- 1. Then I met PQR in 1974, while I was shooting the film ‘Rancho Deluxe’ in Montana, and I thought, “Now, this is interesting”.**
- 2. I don’t know, how it is for women or for other guys, but when I was young and in my 20s, I had a fear of marriage.**
- 3. So I did everything in my power to resist it - the idea was frightening to me, man.**
- 4. I thought it was a giant step towards death.**

- (a) 2 3 1 4
 - (b) 2 4 3 1
 - (c) 2 1 3 4
 - (d) 2 1 4 3
-

23. Synonym of ‘loquacious’

- (a) Sad
 - (b) Secretive
 - (c) Quiet
 - (d) Talkative
-

24. Complete the sentence with the suitable modal:

Bill.....everyday, when he was a young man.

- (a) had run
- (b) run
- (c) has been running
- (d) had been running

25. Identify the appropriate clause that makes the question statement a meaningful sentence:

She finds solace in music,.....

- (a) in that she feels sad
 - (b) whenever she feels sad
 - (c) so that she feels sad
 - (d) in order that she may feel sad
-

26. Complete the sentence with the suitable modal:

If you have a bad throat, you ...smoke.

- (a) may
 - (b) might
 - (c) must not
 - (d) could not
-

27. Complete the sentence with the suitable modal:

If he was in a hurry to go, he.....have said so.

- (a) can
 - (b) ought to
 - (c) may
 - (d) will
-

28. Fill in the blank with the correct homonym from the choices provided:

The final of the peace treaty was satisfactory to both the parties.

- (a) draught
- (b) drought
- (c) draft
- (d) drift

29. Complete the sentence with the suitable pair of words:

Teaching methods need to be modernized in keeping with the current trends and not the same old.....method.

- (a) rough and tumble
 - (b) fast and furious
 - (c) fun and frolic
 - (d) chalk and talk
-

30. Complete the sentence with the suitable modal:

He.....rather die than be disgraced.

- (a) would
 - (b) shouldn't
 - (c) might
 - (d) need
-

31. Who is the 6th President of the Republic of Maldives, who assumed office in November, 2013?

- (a) Abdulla Yameen Abdul Gayoom
 - (b) Mohamed Jameel Ahmed
 - (c) Mohammed Waheed Hassan
 - (d) UmarNaseer
-

32. The book 'Wings of Fire' is an autobiography of

- (a) Shiv Khera
- (b) Arundhati Roy
- (c) Robin Sharma
- (d) A.P.J Abdul Kalam

33. As a technological upgradation, which scheme at zero duty has been introduced for certain engineering products, electronic products, basic chemicals and pharmaceuticals by the Government of India?

- (a) Engineering Process Outsourcing
 - (b) Export Promotion Capital Goods
 - (c) Electronic Hardware Technology Park
 - (d) Export Oriented Unit
-

34. India-born Mexican plant scientist, Sanjaya Rajaram, who will be honoured with the World Food Prize for the year 2014, had worked for the improvement of which crop?

- (a) Wheat
 - (b) Rice
 - (c) Sugarcane
 - (d) Oilseeds
-

35. What is the capital of Sri Lanka?

- (a) Colombo
 - (b) Kathmandu
 - (c) Rangoon
 - (d) Islamabad
-

36. Which of the following inflations will typically occur, when the economy is growing faster than the long run trend rate of growth?

- (a) Demand Pull
- (b) Demand Push
- (c) Cost Pull
- (d) Cost Push

37. Which of the following is the name of India's Mars Orbiter Mission?

- (a) Mangalyaan
 - (b) Maven
 - (c) Discover Mars
 - (d) Lander
-

38. Which of the following may be used for import of any capital goods including spares, office equipment and professional equipment, office furniture and consumables, provided it is a part of their main line of business?

- (a) Duty Credit Scrips
 - (b) Duty Capital Shipping
 - (c) Duty Free Scrips
 - (d) Duty Debit Scrips
-

39. The countries of which continent has been worstly affected by Ebola outbreak in 2014, according to World Health Organisation?

- (a) Western Africa
 - (b) South America
 - (c) South Asia
 - (d) Northern Europe
-

40. Which of the following is the capital of Chattisgarh?

- (a) Hyderabad
- (b) Raipur
- (c) Ranchi
- (d) Imphal

41. Who among the following won the French Open Men's Single Tennis Tournament in 2014?

- (a) Roger Federer
 - (b) Novak Djokovic
 - (c) Rafael Nadal
 - (d) Pete Sampras
-

42. Who among the following was the first President of India?

- (a) Dr. Rajendra Prasad
 - (b) Varahagiri Venkata Giri
 - (c) Kocheril Raman Narayanan
 - (d) Zakir Hussain
-

43. How many member states does SAARC have?

- (a) 8
 - (b) 9
 - (c) 10
 - (d) 12
-

44. Which of the following includes the use of tariffs and other trade barriers, such as restrictions on what goods can be imported or exported and which countries are allowed to import or export goods to the home country?

- (a) Trade Policy
- (b) Fiscal Policy
- (c) Monetary Policy
- (d) Commercial Policy

45. Who among the following is the chairman of 14th Finance Commission of India?

- (a) Raghuram Raj
 - (b) Dr. Y. V. Reddy
 - (c) Bimal Jala
 - (d) D. Subbrao
-

46. What is the currency of UAE?

- (a) Dirham(AED)
 - (b) Rupees
 - (c) Dollar
 - (d) Renminbi
-

47. In which year did India conduct the first Nuclear Test?

- (a) 1988
 - (b) 1998
 - (c) 1972
 - (d) 1974
-

48. What do you refer to a condition of lawlessness or political disorder brought about by the absence of Governmental Authority?

- (a) Authoritarian
- (b) Communist
- (c) Confederacy
- (d) Anarchy

49. Who among the following was awarded the Dronacharya Awards 2013 for lifetime contribution in coaching in Athletics?

- (a) Chekrovolu Swuro
 - (b) Abhijeet Gupta
 - (c) K.R Thomas
 - (d) Dharmender Dalai
-

50. Sodium carbonate is also known as

- (a) Caustic soda
 - (b) Washing soda
 - (c) Baking soda
 - (d) Chalk
-

51. Which of the following is the specific measure of a derivative that relates to a specific function in Economics?

- (a) Differential Calculus
 - (b) Mathematical Equations
 - (c) Economic Models
 - (d) Market Facts
-

52. Which is the main deliberative organ of the UN that is composed of representatives of all Member States?

- (a) Secretariat
- (b) The General Assembly
- (c) International Court of Justice
- (d) Security Council

53. ICC T-20 World Cup 2014 finals was played between which of the two countries?

- (a) South Africa - Pakistan
 - (b) India - Pakistan
 - (c) India - Sri Lanka
 - (d) Sri Lanka - South Africa
-

54. Which of the following is the inflation rate that excludes temporary 'Volatile' factors, such as energy and food prices?

- (a) Imported Inflation
 - (b) Wage Push Inflation
 - (c) Core Inflation
 - (d) Cost of Inflation
-

55. In which of the following country was the 2014 FIFA Football World Cup held?

- (a) Spain
 - (b) Russia
 - (c) Brazil
 - (d) Argentina
-

56. Which Governor General used the 'Doctrine of Lapse' as a means of extending the empire in India?

- (a) Lord Cornwallis
- (b) Lord Dalhousie
- (c) Lord Warren Hastings
- (d) Lord Hardinge

57. Firms providing services for other corporations are attracted to a core, when a critical threshold of economic activity is reached. This definition refers to which of the following?

- (a) Holding Firm
 - (b) Subsidiary Firm
 - (c) Ancillary Industries
 - (d) Primary Unit
-

58. The Chandaka Wildlife Sanctuary is located, in which state of India?

- (a) M.P.
 - (b) Odisha
 - (c) Chhattisgarh
 - (d) Jharkhand
-

59. Who among the following presented the Union Budget on 10th July 2014?

- (a) Mallikarjun Kharge
 - (b) Manmohan Singh
 - (c) Rahul Gandhi
 - (d) Arun Jaitley
-

60. Which of the following is about actual behaviour, and the only reliable expression of the observable, real world data?

- (a) Business Economics
- (b) Empirical Economics
- (c) General Economics
- (d) Macro Economics

61. Which of the following is a Khar if crop?

- (a) Groundnut
 - (b) Wheat
 - (c) Barley
 - (d) Peas
-

62. Who has been appointed as the new Chief Executive Officer of Infosys in June 2014?

- (a) S D Shibulal
 - (b) S Gopalakrishnan
 - (c) Rohan Murthy
 - (d) Dr. Vishal Sikka
-

63. Which Democratic Model emphasises on direct and active participation of all citizens and on their political equality?

- (a) Athenian Model
 - (b) Liberal Representative model
 - (c) Social Model
 - (d) Citizenship Model
-

64. Ghiyas-ud-din Balban was the ruler of which dynasty?

- (a) Slave Dynasty
- (b) Tughlaq Dynasty
- (c) Sayyid Dynasty
- (d) Khilji Dynasty

65. The Hirakud Dam Project is built across, which river in India?

- (a) Mahanadi
 - (b) Beas
 - (c) Chenab
 - (d) Narmada
-

66. The United Nations has how many member states?

- (a) 180
 - (b) 110
 - (c) 96
 - (d) 193
-

67. Against, which country did Germany win the FIFA Football World Cup 2014?

- (a) Argentina
 - (b) France
 - (c) Spain
 - (d) Brazil
-

68. In Economics, what does the Acronym ITPO stand for?

- (a) India Trade Policy Organisation
- (b) India Tariff Policy Organisation
- (c) India Trade Promotion Organisation
- (d) India Trade Planning Organisation

69. Who has been elected as the 16th Lok Sabha Speaker on 18th May, 2014?

- (a) Meera Kumar
 - (b) Sumitra Mahajan
 - (c) Shiv Raj Patil
 - (d) Karia Munda
-

70. Who among the following was the Governor-General of India from 1948-1950?

- (a) Dr. Rajendra Prasad
 - (b) C. Rajagopalachari
 - (c) Kocheril Raman Narayanan
 - (d) Varahagiri Venkata Giri
-

71. Which lake is also known as, the 'Harmukh p Ganga'?

- (a) Dal Lake
 - (b) Gangabal Lake
 - (c) Vishansar Lake
 - (d) Kishansar Lake
-

72. Which article of the Indian Constitution gives autonomy to the state of Jammu & Kashmir?

- (a) Article 360
- (b) Article 270
- (c) Article 370
- (d) Article 260

73. Which institution stepped in to resolve the disputes arising from the Indus Water Sharing arrangement?

- (a) The International Monetary Fund
 - (b) The World Bank
 - (c) Industrial Bank of Japan
 - (d) The Government of the United States of America
-

74. What does JKBOSE stand for?

- (a) Jammu & Kashmir Board Of Simplified Education
 - (b) Jammu & Kashmir State Board Of School Education
 - (c) Jammu & Kashmir Board Of Senior Empowerment
 - (d) Jammu & Kashmir Board Of Secular Enrichment
-

75. Which Hydroelectric Power Project is located immediately downstream of the Lower Jhelum Power Station?

- (a) Chutak
 - (b) Uri - 1
 - (c) Tanakpur
 - (d) Sewa - 2
-

76. Over which river is the Baglihar Hydropower Plant built?

- (a) Ravi
- (b) Tawi
- (c) Indus
- (d) Chenab

77. In which year was the state level RTI Act first enacted in the state of Jammu & Kashmir ?

- (a) 2004
 - (b) 2005
 - (c) 2006
 - (d) 2007
-

78. What is the name of the first mosque that was constructed in the Ladakh region?

- (a) Jama Masjid
 - (b) Hazratbal Shrine
 - (c) Shah-i-Hamdan
 - (d) Jamia Masjid
-

79. Nishat Bagh, one of the largest Mughal Garden located on the banks of Dal Lake was built by Abdul Hasan Asif Khan during which year?

- (a) 1400-1499
 - (b) 1600-1650
 - (c) 1500-1599
 - (d) 1655-1699
-

80. In which year did the Constitution of Jammu & Kashmir come into force?

- (a) 1947
- (b) 1948
- (c) 1950
- (d) 1957

81. The Amar Mahal Palace planned by a French Architect in 1862 is located on which river bank?

- (a) Tawi
 - (b) Nubra
 - (c) Jhelum
 - (d) Indus
-

82. On the bank of which river do you find the Bahu Fort?

- (a) River Sindh
 - (b) River Sutlej
 - (c) River Tawi
 - (d) River Ravi
-

83. What is the installed capacity of Uri-II Hydroelectric Project in Jammu and Kashmir?

- (a) 310 MW
 - (b) 480 MW
 - (c) 240 MW
 - (d) 100 MW
-

84. Who among the following is a Padma Vibhushan recipient from Jammu & Kashmir in the year 1972?

- (a) Ghulam Mohd. Sadiq
- (b) Prof. Riyaz Punjabi
- (c) Shri Ghulam Mohammed Mir
- (d) Prof. Hamidi Kashmiri

85. Which King of Jammu and Kashmir agreed to accede to India in return of military assistance from India?

- (a) Raja Hari Singh
 - (b) Raja Amar Singh
 - (c) Raja Ranbir Singh
 - (d) Raja Pratap Singh
-

86. When was the Srinagar - Muzafifarabad Bus service inaugurated?

- (a) In the month of April, 2005
 - (b) In the month of March, 2006
 - (c) In the month of December, 2005
 - (d) In the month of January, 2006
-

87. Which spice, known as the most expensive spice in the world, is grown in Jammu & Kashmir?

- (a) Cardamom
 - (b) Clove
 - (c) Anise
 - (d) Saffron
-

88. In which valley is the Yarab Tso lake located?

- (a) Nubra Valley
- (b) Sindh Valley
- (c) Lidder Valley
- (d) Poonch Valley

89. Uri Dam Hydroelectric power station is on which of the following river?

- (a) Krishna
 - (b) Sharavathi
 - (c) Jhelum River
 - (d) Chenab
-

90. When was the Indus Water Treaty signed?

- (a) 1950
 - (b) 1960
 - (c) 1980
 - (d) 1990
-

91. Which of the following is the natural element used for nuclear fission in Nuclear Power Reactor?

- (a) Potassium
 - (b) Uranium
 - (c) Sodium
 - (d) Chlorine
-

92. The concentration of which Green House Gas has increased over the last few decades?

- (a) Carbon monoxide
- (b) Carbon dioxide
- (c) Hydrogen Peroxide
- (d) Freon

93. Liquids have the ability to flow because

- (a) Their particles are very far apart
 - (b) Their particles can slide over each other
 - (c) Their particles are arranged in a regular pattern
 - (d) There are strong forces of attraction between the particles
-

94. A current of 5 A flows into a circuit consisting of resistors 2 Ω , 4 Ω , 5 Ω and 20 Ω connected in parallel respectively. Determine the current in each resistor ?

- (a) 2.5 A, 1.25 A, 1 A, 0.25 A
 - (b) 2A, 1.5 A, 1 A, 0.5 A
 - (c) 2.5 A, 1 A, 1 A, 0.5 A
 - (d) 2A, 1.25 A, 1.5 A, 0.25 A
-

95. Absence of which Vitamin causes calcium deficiency in body?

- (a) Vitamin-A
 - (b) Vitamin-C
 - (c) Vitamin-D
 - (d) Vitamin-E
-

96. A stream of electrons with charge $(1.6 \times 10^{19} \text{ C})$ moving, with current density $4.6 \times 10^8 \text{ amp/m}$. If the number density of electrons be $6 \times 10^{23} \text{ cm}^{-2}$, calculate the drift velocity?

- (a) 3.7 mm / sec
- (b) 4.7 mm / sec
- (c) 5.7 mm / sec
- (d) 6.7 mm / sec

97. Which one of the following is the source of all energy forms on the earth?

- (a) Earth's gravity
 - (b) Sun
 - (c) Moon
 - (d) Fossil fuel
-

98. What is the physical change in water, when solutes dissolve in water?

- (a) pH of water
 - (b) Temperature of water
 - (c) Concentration of water
 - (d) Both (b) and (c)
-

99. According to which law, the volume of a gas is directly proportional to its temperature under constant pressure?

- (a) Ideal pressure law
 - (b) Charles' law
 - (c) Boyle's law
 - (d) Avogadro's law
-

100. Which one of the following represents the first trophic level of food chains?

- (a) Sunlight
- (b) Herbivores
- (c) Green plants
- (d) Algae

101. Deficiency of which vitamin, causes continuous bleeding from injured part of the body?

- (a) Vitamin-A
 - (b) Vitamin-D
 - (c) Vitamin-E
 - (d) Vitamin-K
-

102. If capacitor is charged to retain 12 mJ of energy by a constant charging current of 2 A. Determine the voltage across the capacitor :

- (a) 29.67 V
 - (b) 15.67 V
 - (c) 10.67 V
 - (d) 19.67 V
-

103. The time taken by a body to fall on the ground thrown from an aeroplane flying horizontally with velocity (V) at height (H) is :

- (a) $T = \sqrt{2H/g}$
 - (b) $T = \sqrt{2g}$
 - (c) $T = \sqrt{2H/g}$
 - (d) $T = \sqrt{2H/g}$
-

104. A Diwali fire-cracker is ejecting 0.08 kg of gases per second at a velocity of 415 m/s.

What is the accelerating force?

- (a) 13.2 N
- (b) 23.2 N
- (c) 33.2 N
- (d) 43.2 N

105. What is a network of inter-related food chains called?

- (a) Ecosystem
 - (b) Food web
 - (c) Energy chain
 - (d) Bio chain
-

106. Which one of the following is the correct comparison of water content in new born babies and adults?

- (a) Both have same water content
 - (b) Adults have more water content than new born babies
 - (c) New born babies have more water content than adults
 - (d) Water content varies in both depending on water intake
-

107. Which one of the following is the correct comparison of proportion of water in people with more fatty tissue and less fatty tissue?

- (a) People with more fatty tissue have more water content than people with less fatty tissue
- (b) People with more fatty tissue have less water content than people with less fatty tissue.
- (c) Both have equal water-content
- (d) Water content may vary both the people depending on water intake

108. Which one of the following is a renewable energy source?

- (a) Coal
 - (b) Biomass
 - (c) Petrol
 - (d) Natural gas
-

109. Which one of the following statements is correct for the species ^{72}Zn , ^{75}As and ^{74}Ge ?

- (a) They have same number of protons only
 - (b) They have same number of electrons
 - (c) They have same number of neutrons only
 - (d) They have same number of protons and neutrons
-

110. The characteristic impedance of free space (r_0) is represented by

- (a) $H/E = \epsilon_0 = \sqrt{\mu_0/\epsilon_0}$
 - (b) $E/H = r_0 = \sqrt{\mu_0/\epsilon_0}$
 - (c) $E/H = r_0 = \sqrt{\epsilon_0/\mu_0}$
 - (d) $H/E = r_0 = \sqrt{\epsilon_0/\mu_0}$
-

111. Which one of the following uses solar photovoltaic technology?

- (a) Biogas plant
- (b) Solar lantern
- (c) Solar air heater
- (d) Solar water heater

112. What is the difference between boiling and evaporation?

- (a) Boiling changes the liquid into a gas while evaporation makes the liquid to disappear
 - (b) Evaporation occurs at one temperature only, while boiling may occur at different temperatures
 - (c) Boiling occurs at one temperature only, while evaporation may occur at different temperatures
 - (d) There is no difference between boiling and evaporation as in each case a liquid
-

113. Which one of the following form of coal will have highest energy density?

- (a) Peat
 - (b) Lignite
 - (c) Anthracite
 - (d) Bituminous
-

114. Which one of the following properties make water a universal solvent?

- (a) Polar molecule
 - (b) High boiling point
 - (c) High specific heat
 - (d) Presence of oxygen in ionic form
-

115. What is the tissue make up of Xylem and Phloem in plants called?

- (a) Transportation tissue
- (b) Connective tissue
- (c) Scar tissue
- (d) Vascular tissue

116. The statement "If a body is in equilibrium under the action of three coplanar and current forces, each of the forces is proportional to the sine of the angle between the other two ", belongs to which theorem/law?

- (a) Triangle law of vectors
 - (b) Parallelogram law of vectors
 - (c) Lami's theorem
 - (d) Polygon
-

117. The quantum number, which determines the shape of an orbital is

- (a) Spin quantum number
 - (b) Magnetic quantum number
 - (c) Azimuthal quantum number
 - (d) Principal quantum number
-

118. Which of the following has highest moisture content?

- (a) Garbage
 - (b) Paper waste
 - (c) Hospital waste
 - (d) Agricultural waste
-

119. What is the type of nutrition in saprophytes?

- (a) Autotrophic
- (b) Holozoic
- (c) Heterotrophic
- (d) Paraphytic

120. A radiosonde (weather balloon) is launched at the ground level at 30 °C by filling 500 liters of hydrogen gas. What will be its volume at an altitude of 4 kilometers, if the temperature there is 25°C?

- (a) 550.2 liters
 - (b) 515.7 liters
 - (c) 491.7 liters
 - (d) 430.8 liters
-

121. If in a certain language CHAMPION is coded as HCMAIPNO, then NEGATIVE will be coded as:

- (a) ENAGITEV
 - (b) NEAGVEIT
 - (c) MGAETVIE
 - (d) EGAITEVN
-

122.(1) K is brother of J.

(2) M is sister of K.

(3) P is the brother of N.

(4) N is the daughter of J.

(5) S is the father of M.

Who is the uncle of P?

- (a) M
- (b) K
- (c) N
- (d) S

123. Which of the options represents the logical sequence of the statement:

D doesn't play songs when he is jobless.

- 1. D is playing songs
- 2. D is not playing songs
- 3. D has a job
- 4. D is jobless.

- (a) 2, 4
 - (b) 4, 2
 - (c) 2, 3
 - (d) 4, 1
-

124. A man walks 7 km toward South and then turns to the right and walks for 5 km. Then he turns to the left and walks 6 km. Now, in which direction is he from the starting place?

- (a) West
 - (b) South
 - (c) North-East
 - (d) South-West
-

125. Complete the following series: 1, 16, 81, ..

- (a) 256
 - (b) 625
 - (c) 254
 - (d) 624
-

126. Find the next term in the following sequence:

- (a) 0.01365
- (b) 0.014225
- (c) 0.016548
- (d) 0.015625

127. Find the next term in the following sequence:

1, 3, 7, 15, 31, 63.

- (a) 119
 - (b) 99
 - (c) 127
 - (d) 89
-

128. In a school of 320 students, 85 students are in the cultural programme, 200 students are in sports teams and 60 students participate in both activities. How many students are involved in either cultural programme or sports?

- (a) 225
 - (b) 190
 - (c) 175
 - (d) 210
-

129. If \$ means +, # means -, @ means * and & means ÷, then what is the value of

25 \$ 43 @ 10 & 10 #20?

- (a) 55
 - (b) 59
 - (c) 48
 - (d) 60
-

130. A retiring president was asked who would succeed him as head of the firm and he replied, "The father of my successor is my fathers' son, but I have no brothers or sons". Who will succeed him?

- (a) Himself
- (b) His nephew
- (c) His daughter
- (d) His sister

131. In a certain code 'STRING' is written as

'@\$%+x>', and 'PRAISE' is written as '<% #+@to'. How is 'STRANGE' written in that code?

- (a) @ \$ % # x > tn
 - (b) @ % # \$ x > to
 - (c) @ # \$ % > to x
 - (d) \$ # @ % > x TO
-

132. These questions are based on the following information: Among seven people of a family A through G, there are two married couples. It is known that

1. G who is the grandmother of E, is one among the married couples.
2. D is the brother of E.
3. B who is the uncle of E, has no brother.
4. F is the son-in-law of A.

How is C related to E?

- (a) Mother
 - (b) Father
 - (c) Uncle
 - (d) Aunt
-

133. In question below are given two statements numbered I and II followed by four conclusions. Given the two statements to be true, decided which of the given conclusions logically follows:

Statements:

- I. All pigs are elephants
- II. No pigs are bakers

Conclusions:

1. Some bakers are not pigs
2. Some pigs are not bakers
3. Some elephants are not bakers
4. Some bakers are elephants

- (a) 1,2 and 3
(b) 1,2 and 4
(c) 1,3 and 4
(d) 2,3 and 4
-

134. Find the next term in the following sequence:

16,48,21,39,26,30,31,21,36

- (a) 18
(b) 41
(c) 12
(d) 24
-

135. If THUNDER is written as EFSNUIV, BLUE as VFCM, BROWN as XOOCS, how will ORANGE be written?

- (a) OFHSBP
(b) OHFPSB
(c) BFHSPO
(d) BFHTPQ
-

136. The sum of the series 9, 36, 81,144 ... 2025 is:

- (a) 10840
(b) 12320
(c) 11160
(d) 12,400

137. Find the next two letters in the series

A, B, D, E, H, I, M,..

- (a) N, S
(b) N, R
(c) R, S
(d) T, R
-

138. Find the next number in the series:

1,4, 13,40, 121,....

- (a) 364
(b) 243
(c) 444
(d) 215
-

139. Find the next two numbers in the series:

124, 235, 346, 457, 568,...

- (a) 679, 680
(b) 680, 779
(c) 679, 780
(d) 679, 790
-

140. If T stands for 'addition', i stands for 'subtraction', 0 stands for 'multiplication' and A stands for 'division', then $(4 \ 0 \ 11 \ t \ 5) \ A \ 7 \wedge 3 = ?$

- (a) 4
(b) 14
(c) 3
(d) 13

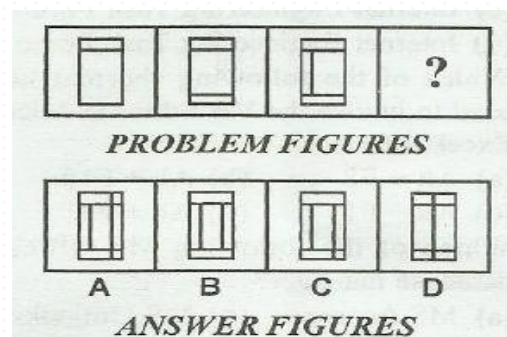
141. A and B started simultaneously from X by cars towards Y. The distance from X to Y is 600 km. The speed of A was 4% less than that of B. As B's car had an engine problem during the journey, B halted his car for 20 minutes. Both reached Y simultaneously. Find the speed of B (in kmph).

- (a) 60
- (b) 75
- (c) 80
- (d) 90

142. Fill in the blanks in the following series :
a_cab_a_c_bc

- (a) bbac
- (b) abab
- (c) abba
- (d) beba

143. In the following questions, three figures that follow a certain sequence or pattern are given. Find the next figure in the sequence from the answer choices provided below.



- (a) A
- (b) B
- (c) C
- (d) D

144. In a certain code, SIKKIM is coded as THLJL. How is TRAINING written in that code?

- (a) SQBHOHOH
- (b) UQBHOHOF
- (c) UQBJOHHO
- (d) UQBJOHOF

145. If A means '+', B means 'x', C means 'and' and D means 'V' then , 12B8C6D2A4 =

- (a) 95
- (b) 97
- (c) 87
- (d) 85

146. If in a certain language, FASHION is coded as FOIHSAN, how is PROBLEM coded in that code?

- (a) PELBORM
- (b) ROBLEMP
- (c) PRBOELM
- (d) RPBOELM

147. If \$ means +, # means -, @ means x and * means +, then what is the value of

25 @ 5 \$ 40 * 5 # 56?

- (a) 77
 - (b) 75
 - (c) 80
 - (d) 82
-

148. If a means '+', b means '-' means 'x' and d means then, what is the value of

11c21a13b2d2 = ?

- (a) 270
 - (b) 283
 - (c) 292
 - (d) 243
-

149. Which is the missing number in this sequence 1, 8, 27, 64,.....,216, 343

- (a) 125
 - (b) 200
 - (c) 135
 - (d) 150
-

150. If in a certain code MATTER is written as TAMRET, then in the same code BEYOND will be written as:

- (a) YEDNOB
- (b) YEBDNO
- (c) YEBDON
- (d) DNOYEB

151. Outlook express is a:

- (a) Web browser
 - (b) File transfer application
 - (c) E-mail application
 - (d) Outer world configurator
-

152. What is a keyboard shortcut to bold the selected text?

- (a) Ctrl + B
 - (b) Ctrl +1
 - (c) Ctrl + G
 - (d) Ctrl + M
-

153. What is Kernel?

- (a) Collection of OS programmes in memory
 - (b) Collection of user programmes
 - (c) Collection of interrupts
 - (d) Collection of jobs
-

154. Which of the following shortcuts is used to move to the last page of a Microsoft Word document?

- (a) CTRL + Home
 - (b) CTRL + Pagedown
 - (c) CTRL + PageUp
 - (d) CTRL + End
-

155. What does HTTP stands for?

- (a) Hyper Text Translating Protocol
- (b) Hyper Text Transfer Protocol
- (c) Hyper Text Transfer Procedure
- (d) Hyper Text Translating Procedure

156. Within a browser, what does the HOME button do?

- (a) Add your e-mail address to an e-mail message
 - (b) Take you to previously visited site
 - (c) Display the contents of your designated start page
 - (d) Enter your home address into the text box
-

157. Which feature of MS-Excel allows you to convert one column of data into separate columns?

- (a) Data > Consolidate
 - (b) Data > Text to Columns
 - (c) Data > Filter
 - (d) Data > Ungroup
-

158. The MIME text file is saved with which of the following extension?

- (a) HMT extension
 - (b) HTML extension
 - (c) THM extension
 - (d) MME extension
-

159. WWW (World Wide Web) is based on, which of the following models?

- (a) Client-server model
- (b) Two tier model
- (c) Three tier model
- (d) Multi tier model

160. Base 2 refers to which number system?

- (a) Binary
 - (b) Decimal
 - (c) Octal
 - (d) Hexadecimal
-

161. What will be the shortcut to start slide show from the beginning in MS Power-Point?

- (a) F3
 - (b) F2
 - (c) F5
 - (d) F1
-

162. How to add bullets to an existing list in MS Word 2007?

- (a) Highlight list, click on the bullets button on formatting toolbar
 - (b) Click on numbered list on formatting toolbar
 - (c) Click on bullet list on formatting toolbar
 - (d) Click on add bullet list on formatting toolbar
-

163. Select the correct option that forms part of input device.

- (a) Hard Disk
 - (b) CPU
 - (c) Keyboard
 - (d) Printer
-

164. IETF stands for

- (a) Internet Engineering Task Federation
- (b) Internet Engineering Task Foundation
- (c) Internet Engineering Task Forum
- (d) Internet Engineering Task Force

165. Which of the following shortcut keys is used to invoke the VB Editor in Microsoft Excel 2007?

- (a) Alt + F8
 - (b) Alt + F10
 - (c) Alt + F11
 - (d) Alt + F4
-

166. Which of the following MS-Office is a database manager?

- (a) MS Access
 - (b) MS Outlook
 - (c) MS Excel
 - (d) MS Info Path
-

167. What would be the binary number 1011 be in decimal notation?

- (a) 11
 - (b) 10
 - (c) 13
 - (d) 12
-

168. Which protocol is responsible for searching the URLs on the web?

- (a) ftp
- (b) sttp
- (c) http
- (d) nntp

169. Which of the following function/operation is done by Microphone device?

- (a) Convert human speech into electric signals
 - (b) Draw lines or figures on a computer screen
 - (c) Detects alpha numeric characters printed or written on a paper
 - (d) Reads bar codes and converts them into electric pulses
-

170. How to calculate 2's complement of any binary number?

- (a) Adding 1 's complement twice
 - (b) Adding 1 to l's complement
 - (c) Subtracting 1 from 1 's complement
 - (d) Calculating l's complement and inverting most significant bit
-

171. Select the correct application, which is a part of MS-Office

- (a) Visio
 - (b) Paint
 - (c) Notepad
 - (d) Word
-

172. Which of the following symbols denotes absolute column and absolute row in Microsoft Excel?

- (a) \$A\$1
- (b) \$A1
- (c) A\$1
- (d) A

173. Which of the following is a Uniform Resource Locator?

- (a) www.yahoo.com
 - (b) Netscape
 - (c) search@internet.net
 - (d) Internet Explorer
-

174. Page colour applied to a word document is NOT visible in

- (a) Web layout view
 - (b) Print Layout view
 - (c) Full Screen reading
 - (d) Print Preview
-

175. What symbol is used before beginning of each formula in MS Excel?

- (a) Percentage (%)
 - (b) Equal to (=)
 - (c) Dollar (\$)
 - (d) Ampersand (&)
-

176. Which of the following is an Internet browser?

- (a) Task bar
- (b) Windows Explorer
- (c) www.gmail.com
- (d) Internet Explorer

177. During cut or copy a portion of the text, is stored temporarily in a buffer is called

- (a) Buffer pool
 - (b) Clipboard
 - (c) Disk cache
 - (d) Hard disk
-

178. Which language is used for the creation of documents for world wide web?

- (a) HTML
 - (b) URL
 - (c) HTTP
 - (d) HTTL
-

179. Which of the following is responsible for managing computer's memory, processes, and its hardware and software?

- (a) RAM
 - (b) Operating System
 - (c) Hard Disk
 - (d) ROM
-

180. Name the technique used for freeing up the CPU, while disk operations are in progress:

- (a) FCFS
- (b) DMA
- (c) SSTF
- (d) SCAN method

Answer Keys

1	C	31	A	61	A	91	B	121	A	151	C
2	B	32	D	62	D	92	B	122	B	152	A
3	A	33	B	63	A	93	B	123	B	153	A
4	B	34	A	64	A	94	A	124	D	154	D
5	B	35	A	65	A	95	C	125	A	155	B
6	B	36	A	66	D	96	B	126	D	156	C
7	D	37	A	67	A	97	B	127	C	157	B
8	B	38	A	68	C	98	D	128	A	158	B
9	B	39	A	69	B	99	B	129	C	159	A
10	D	40	B	70	B	100	C	130	C	160	A
11	D	41	C	71	B	101	D	131	A	161	C
12	D	42	A	72	C	102	D	132	A	162	A
13	A	43	A	73	B	103	D	133	C	163	C
14	C	44	D	74	B	104	C	134	C	164	D
15	d	45	B	75	B	105	B	135	B	165	C
16	A	46	A	76	D	106	C	136	C	166	A
17	D	47	D	77	A	107	B	137	A	167	A
18	D	48	D	78	C	108	B	138	A	168	C
19	D	49	C	79	B	109	C	139	D	169	A
20	D	50	B	80	D	110	B	140	A	170	B
21	D	51	A	81	A	111	B	141	B	171	D
22	B	52	B	82	C	112	C	142	D	172	A

23	D	53	C	83	C	113	C	143	B	173	A
24	A	54	C	84	A	114	A	144	B	174	D
25	B	55	C	85	A	115	D	145	B	175	B
26	C	56	B	86	A	116	C	146	A	176	D
27	B	57	C	87	D	117	C	147	A	177	B
28	C	58	B	88	A	118	D	148	D	178	A
29	D	59	D	89	C	119	C	149	A	179	B
30	A	60	B	90	B	120	C	150	B	180	B

JKSSB Graduate Level 2013 Question Paper

1. The first woman in space was:

- (a) Valentina Tereshkova
 - (b) Yuri Gagarin
 - (c) Kalpana Chawla
 - (d) Allin Collis
-

2. The book, 'Revolution-2020' is authored by:

- (a) Jay Prakash Narain
 - (b) Kiran Desai
 - (c) Chetan Bhagat
 - (d) Panas Kumar
-

3. The first man to reach the South Pole was:

- (a) Ann Bancroft
 - (b) Robert Peary
 - (c) Louise Brown
 - (d) Amundsen
-

4. The famous Jama Masjid at Srinagar was built by:

- (a) King Khalid
 - (b) Md. Tuglak
 - (c) Sultan Sikandar
 - (d) Mir Kasim
-

5. The famous book 'A Suitable Boy' is written by:

- (a) Vishnu Sharma
- (b) Vikram Seth
- (c) Nirad C. Chaudhuri
- (d) Uma Shankar Joshi

6. Chilka lake is located in which state?

- (a) Odisha
 - (b) Bihar
 - (c) Telangana
 - (d) Andhra Pradesh
-

7. Jhelum rises from which place?

- (a) Gangotri
 - (b) Yamni hill
 - (c) Dhaulagiri
 - (d) Verinag
-

8. What is the latitude of Tropic of Cancer?

- (a) $23 \frac{1}{2}^{\circ} \text{ N}$
 - (b) 66.50° N
 - (c) $23 \frac{1}{2}^{\circ} \text{ S}$
 - (d) 21.50° E
-

9. Which generation of computer used transistor first?

- (a) First
 - (b) Second
 - (c) Third
 - (d) Fourth
-

10. Sound waves are examples of

- (a) Transverse wave
- (b) Electro-magnetic wave
- (c) Longitudinal wave
- (d) Quantum wave

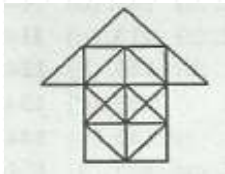
11. The President of World Bank is:

- (a) Alang Turing
 - (b) Walter Cronkite
 - (c) Nikolaas Tinbergen
 - (d) Jim Yong Kim
-

12. The Law of Inertia is derived from:

- (a) First Law of Newton
 - (b) Second Law of Newton
 - (c) First Law of Motion
 - (d) Zeroth Law of Relative Motion
-

13. How many squares are there in the figure Given below ?



- (a) 6
 - (b) 8
 - (c) 9
 - (d) 11
-

14. How many quadrilaterals are there in the figure given below?

- (a) 64
- (b) 60
- (c) 58
- (d) 56

15. If you reverse the word DISTURBANCE which letter remains at the same place :

- (a) U
 - (b) B
 - (c) R
 - (d) C
-

16. Where is the headquarter of SAARC located?

- (a) Geneva
 - (b) New York
 - (c) Paris
 - (d) Kathmandu
-

17. What is the currency of Japan?

- (a) Riyal
 - (b) Yen
 - (c) Pound
 - (d) Dollar
-

18. Joystick and Scanner are examples of:

- (a) Input devices
 - (b) Output devices
 - (c) Telephonic devices
 - (d) None of these
-

19. What is meant by ALU?

- (a) Arithmetic and Logarithmic Unit
- (b) Arithmetic and Logic Unit
- (c) Assertive and Logic Unit
- (d) Amplifying and Logarithmic Unit

20. Correct form of an e-mail address is:

- (a) xyz@in.com
 - (b) xyz@in.yahoo
 - (c) xyz@com.in
 - (d) xyz@xmail.com
-

21. BCC in E-mail means:

- (a) Black Composer Copy
 - (b) Blind Composer Copy
 - (c) Black Carbon Copy
 - (d) Blind Carbon Copy
-

22. Mass of Atom is determined by:

- (a) Protons & Neutrons
 - (b) Electrons & Protons
 - (c) Electrons & Neutrons
 - (d) Electrons, Protons & Neutrons
-

23. Tocopherol is another name for:

- (a) Vitamin K
 - (b) Vitamin B
 - (c) Vitamin E
 - (d) Vitamin A
-

24. The United Nations system is based on the following number of organs:

- (a) 4
- (b) 6
- (c) 5
- (d) 15

25. Folic Acid is:

- (a) Vitamin B
 - (b) Vitamin D
 - (c) Vitamin C
 - (d) Vitamin A
-

26. Change of distance per unit time is:

- (a) velocity
 - (b) acceleration
 - (c) speed
 - (d) friction
-

27. What is the unit of acceleration?

- (a) m/sec
 - (b) m.sec
 - (c) m.sec²
 - (d) m/sec²
-

28. Hill of Hari Parbat has the shrine of:

- (a) Khwaja Makhdoom Sahib
 - (b) Vaishno Devi
 - (c) Bhairav Nath
 - (d) Bala Ji
-

29. J&K State RTI came into force in :

- (a) March 2008
- (b) September 2008
- (c) March 2009
- (d) September 2009

30. Indus water treaty happened in :

- (a) 1950
 - (b) 1962
 - (c) 1960
 - (d) 1958
-

31. Green House gases are:

- (a) Transparent to light, but radiate heat
- (b) Transparent to light, but absorb heat
- (c) Semi-transparent to light, but absorb heat
- (d) Semi-transparent to light, but reflect heat

32. Global coolant is:

- (a) Biofused gas
 - (b) Trans conductive gas
 - (c) Aerosol
 - (d) Heat absorbent
-

33. The theory of relativity was given by:

- (a) Albert Einstein
 - (b) Newton
 - (c) Fraunhofer
 - (d) Doppler
-

34. The autotrophic organisms are those:

- (a) which produce food of their own with sunlight and CO₂
- (b) which do not produce food of their own
- (c) which produce food of their own with CO₂ at night only
- (d) which produce food of their own with sunlight and Oxygen

35. The process by which CO₂ is returned back to environment is:

- (a) Transmission of biomass
 - (b) Metabolism of biota
 - (c) Transfusion of biomass
 - (d) Respiration of biota
-

36. Polarity of water is because:

- (a) It carries partial negative charge
 - (b) It carries partial positive charge
 - (c) Both A and B
 - (d) None of these
-

37. Density of water is:

- (a) 1 g/cm³
 - (b) 1000 g/cm³
 - (c) 1 cm/gram³
 - (d) 1000 cm/gm³
-

38. Biological Nitrogen fixation means:

- (a) the process of capturing atmospheric nitrogen by the organism in soil
- (b) the process of capturing atmospheric nitrogen by the soil
- (c) the process of capturing atmospheric nitrogen by the organism in environment
- (d) None of these

39. Catalyst converter in vehicles:

- (a) removes harmful waste and increases pollution
 - (b) removes harmful waste and decreases pollution
 - (c) absorbs harmful waste and increases pollution
 - (d) absorbs harmful waste and decreases pollution
-

40. Central Statistical Organization was formed in:

- (a) 1951
 - (b) 1956
 - (c) 1952
 - (d) 1955
-

41. ENIAC machine was invented by:

- (a) Blaise Pascal and J. Presper Eckert
 - (b) Blaise Pascal and Charles Babbage
 - (c) Charles Babbage and John Mauchly
 - (d) J. Presper Eckert and John Mauchly
-

42. Lessajous figures are meant for determining:

- (a) frequency of light
- (b) speed of particle
- (c) frequency of sound
- (d) speed of radiation

43. The indicators of pollution are:

- (a) Richter
 - (b) Lichens
 - (c) Pollugone
 - (d) Matric tonos
-

44. Who was associated with Amritsar treaty?

- (a) Gulal Singh
 - (b) Gulab Singh
 - (c) Mehul Singh
 - (d) Ranjeet Singh
-

45. Who was the founder of Karkota dynasty in Kashmir?

- (a) Durlabhavardhana
 - (b) Harshvardhan
 - (c) Munric Chand
 - (d) Fulkin
-

46. What is the origin of Chenab River?

- (a) Shrinagar
 - (b) Hemkund
 - (c) Lahaul
 - (d) None of these
-

47. First war of Independence began in:

- (a) 1905
- (b) 1911
- (c) 1802
- (d) 1857

48. Emphasis on Human development was started in:

- (a) 5th Five year plan
 - (b) 6th Five year plan
 - (c) 8th Five year plan
 - (d) 10th Five year plan
-

49. Installed Capacity of Uri 1 Dam is:

- (a) 480 MW
 - (b) 532 MW
 - (c) 467 KW
 - (d) 493 KW
-

50. The first fortification of Hari Parbat was constructed by:

- (a) Akbar
 - (b) Shahjahan
 - (c) Humayun
 - (d) Shershah
-

51. Manasbal is famous for:

- (a) Rose
 - (b) Lotus
 - (c) Juhi
 - (d) Apple
-

52. 'Meithei' language is spoken in:

- (a) Odisha
- (b) Western U.P.
- (c) Manipur
- (d) North Bihar

53. Who is the present Chairman of Planning Commission?

- (a) President
 - (b) Governor
 - (c) Prime Minister
 - (d) Chief Justice
-

54. The Capital City of Odisha is:

- (a) Bhubaneshwar
 - (b) Baleshwar
 - (c) Cuttuck
 - (d) Vizag
-

55. What is the commercial unit of electrical energy?

- (a) Watt-hour
 - (b) Kilowatt
 - (c) Kilowatt hour
 - (d) Watt
-

56. Who was awarded the Tagore Award in 2012?

- (a) Hari Krishan
 - (b) Panas
 - (c) Mehul Verma
 - (d) Ravi Shankar
-

57. ASEAN contains:

- (a) 8 members and 2 observer countries
- (b) 10 members and 4 observer countries
- (c) 8 members and 4 observer countries
- (d) 10 members and 2 observer countries

58. Incentive is:

- (a) an inducement to improve performance
 - (b) to assist
 - (c) financial help
 - (d) None of these
-

59. First Indian to win Gold medal in Commonwealth Games:

- (a) Abhinav Bindra
 - (b) Milkha Singh
 - (c) Sushil Kumar
 - (d) Yogeshwar Dutt
-

60. Which game is not part of Olympic Games?

- (a) Cricket
 - (b) Hockey
 - (c) Boxing
 - (d) Aquatics
-

61. A lady said, "The person standing there is my grandfather's only son's daughter. How is the lady related to the standing person?"

- (a) Sister
- (b) Mother
- (c) Aunt
- (d) Cousin

62. Pointing towards a man, a person said that he is the son of my niece. How is speaker's daughter related to the man?

- (a) Aunt
 - (b) Sister
 - (c) Daughter
 - (d) Cousin
-

63. Rabi crops are:

- (a) Rice, Wheat, Soya, etc.
 - (b) Rice, Soya, Mustard, etc.
 - (c) Wheat, Mustard, Soyabean, etc.
 - (d) Soya, Rice, Pulse, etc.
-

64. A train 600 metre long is running with a speed of 54 km/hr. In what time will it pass a tunnel 200 metre long?

- (a) 48 seconds
 - (b) 50 seconds
 - (c) 53 seconds
 - (d) 55 seconds
-

65. The molecule which resists most organic solvents and is formed after oxidation when volatile:

- (a) Poly Vinyl Chlorate (PVC)
- (b) Poly Acryl Nitrate (PAN)
- (c) Poly Sulphate
- (d) Poly Vinyl Fluoride

66. Modulation and demodulation of frequencies is done by:

- (a) Router
 - (b) Bridge
 - (c) Modem
 - (d) LAN
-

67. Translator between Operating system and Hardware is:

- (a) Compiler
 - (b) Interpreter
 - (c) Printer
 - (d) Device Driver
-

68. Which one is the Internet Browser ?

- (a) Mozilla Firefox
 - (b) Cabol
 - (c) Microsoft
 - (d) G-mail
-

69. To securely send and receive data over internet, we use:

- (a) WW
 - (b) https
 - (c) wtc
 - (d) w3c
-

70. 'Osmo-regulation' means:

- (a) regulations of O₂ in our body
- (b) transmission of H₂O in our body
- (c) transmission of O₂ in our body
- (d) regulation of H₂O level in our body

71. At which place tourism is round the year?

- (a) Amarnath
 - (b) Kedarnath
 - (c) Vaishno Devi
 - (d) Badrinath
-

72. Blue Chips are:

- (a) Blue tokens
 - (b) Blue tiles
 - (c) Shares of particularly well-known and established companies, which have shown consistent growth over the years
 - (d) None of the above
-

73. If DCSRGF codes for CDRSFG, what does J1NMQP stands for:

- (a) IJMNPQ
 - (b) IJMPNQ
 - (c) IJMOPQ
 - (d) IJMNPR
-

74. Strait between England and France is:

- (a) Strait of Paris
 - (b) Strait of Dover
 - (c) Strait of Osaka
 - (d) Strait of London
-

75. Pyruvate is converted into CO₂ in :

- (a) Micro-organism
- (b) Gelecinidra
- (c) Mitochondria
- (d) None of these

76. Coliform's (bacteria) presence in water means:

- (a) pollution due to human excreta
 - (b) pollution due to industries
 - (c) pollution due to aquatic species
 - (d) None of these
-

77. Which reaction happens inside the Sun:

- (a) Nuclear fission
 - (b) Nuclear fusion
 - (c) Radioactive decay
 - (d) Both (a) and (b)
-

78. The second highest gallantry award in India is:

- (a) Padam Bhushan
 - (b) Vir Chakra
 - (c) Mahavir Chakra
 - (d) Ashok Chakra
-

79. A man travels 2 km to the East then turns right and walks next 3 km, turns his right and walks 4 km. What is his position with respect to initial position:

- (a) South-West
- (b) North-East
- (c) North-West
- (d) South-East

80. Birla Foundation Awards are given to sportspersons every year and the value of each award is Rs.....

- (a) six, seventy thousand
 - (b) two, one lakh
 - (c) nine, one lakh
 - (d) four, seventy-five thousand
-

81. First Miss World Competition was established by 'Miss World Incorporation' in the year:

- (a) 1941
 - (b) 1950
 - (c) 1951
 - (d) 1957
-

82. Who among the following has won Nobel Prize for Literature in 2013?

- (a) David J. Wineland
 - (b) John B. Gurdon
 - (c) Alice Munro
 - (d) Alvin E. Roth
-

83. A man walks 5 m to the East, turns right and walks 12 m, turns right again and walks 10 m. What is the shortest distance of the man from the initial position?

- (a) 16 m
- (b) 13 m
- (c) 14 m
- (d) 12 m

84. Red wavy line under a word in Microsoft

Word means:

- (a) Spelling Mistake
 - (b) Big gap
 - (c) Double character
 - (d) Font change
-

85. India's longest transport tunnel is located in:

- (a) The Gandhi Setu
 - (b) The Jawahar Tunnel
 - (c) The Pir Punjal Tunnel
 - (d) None of these
-

86. Function key for editing in Spreadsheet/MS

Excel:

- (a) F4
 - (b) F3
 - (c) F1
 - (d) F2
-

87. For new PPT in Powerpoint presentation, shortcut key is:

- (a) Ctrl+ Shift + N
- (b) Shift + N
- (c) Ctrl+ O
- (d) Ctrl + N

88. The first ever B.R. Amedkar National

Award was given to:

- (a) Baba Amte
 - (b) T. Shiv Shankar Pillai
 - (c) International Red Cross
 - (d) National Institute for Social Work and Social Sciences
-

89. Efficiency of Laser printer is determined by:

- (a) PPP
 - (b) PPt
 - (c) PmP
 - (d) ppm
-

90. Photosensitive unit of Laser printer which prints letters and images by fixing toner to the paper by heat and pressure is called:

- (a) drum
 - (b) cartridge
 - (c) disc
 - (d) roler
-

91. Chapter III of RTI 2009 says:

- (a) President's Rule
- (b) Constitution of State Information Commission
- (c) Constitution of State Service Taxes
- (d) None of these

92. A persistent rise in the price purchase levels of goods and services leading to the fall in the currency's purchasing power is called:

- (a) evaluation
 - (b) inclusion
 - (c) inflation
 - (d) incrementation
-

93. If Voltage is 40 Volts and resistance is 100Q, then current is:

- (a) 4 A
 - (b) 0.4 A
 - (c) 0.04 A
 - (d) 40 A
-

94. Conversion of gas into liquid is called:

- (a) convection
 - (b) solidification
 - (c) condensation
 - (d) effusion
-

95. 'India Today' is _____ magazine.

- (a) monthly
 - (b) yearly
 - (c) daily
 - (d) weekly
-

96. Main sustainable cropping season in India is:

- (a) Rabi
- (b) Kharief
- (c) Rainy
- (d) None of these

97. Rocket works on the basis of:

- (a) principle of conservation of momentum
 - (b) principle of relativity
 - (c) principle of conservation of mass
 - (d) principle of conservation of energy
-

98. Which one of the following groups is more closely related from the viewpoint of taxonomy?

- (a) silverfish, starfish, cuttlefish
 - (b) earthworm, seahorse, hookworm
 - (c) housefly, dragonfly, butterfly
 - (d) None of the above
-

99. Red blood corpuscles are produced in:

- (a) liver
 - (b) spleen
 - (c) bone marrow
 - (d) kidneys
-

100. The disease, for the treatment of which, the first oral drug has been developed:

- (a) Cancer
 - (b) Pneumonid
 - (c) Small pox
 - (d) Plague
-

101.E-Com is a short form of:

- (a) Engineering Commercial
- (b) Electronic Commercial
- (c) Electronic Commerce
- (d) None of the above

102. Archery is the National Sport of:

- (a) China
 - (b) Japan
 - (c) Bhutan
 - (d) Shri Lanka
-

103. First industrial policy resolution came into force in:

- (a) 1956
 - (b) 1963
 - (c) 1948
 - (d) 1951
-

104. Acid and base combine to form:

- (a) salt and nitrogen
 - (b) nitrogen and oxygen
 - (c) salt and water
 - (d) acid and alkali
-

105. Cellulose could be obtained from:

- (a) wood and cotton
 - (b) silk and cotton
 - (c) paper and silk
 - (d) wood and silk
-

106. ELISA test is done for the detection of:

- (a) cancer
- (b) AIDS
- (c) diabetes
- (d) None of the above

107. Triple Antigen prevents:

- (a) small pox, malaria, whooping cough
 - (b) tetanus, diphtheria, small pox
 - (c) whooping cough, tetanus, polio
 - (d) diphtheria, tetanus, whooping cough
-

108. A free falling body:

- (a) would fall towards the surface of the earth.
 - (b) would have no weight
 - (c) would have one half of its original weight
 - (d) None of the above
-

109. J&K RTI act provides for setting out the ' regime of right to information for the people of state in order to provide:

- (a) Transparency and Accountability
 - (b) Accountability and credibility
 - (c) Honesty and Peace
 - (d) Development and Peace
-

110. Article 356 and 357 were extended to J&K in:

- (a) August 1964
 - (b) March 1964
 - (c) September 1964
 - (d) December 1964
-

111. Which Oceanography medal is presented every 3 years and carries prize of \$ 15,000:

- (a) Obaidullah Gold Cup
- (b) Wellington Trophy
- (c) Alexander Agassiz
- (d) Nixan Gold Trophy

112. Abhinav Bindra is associated with:

- (a) Golf
 - (b) Shooting
 - (c) Boxing
 - (d) Wrestling
-

113. Who is associated with the theory of inheritance of acquired characters?

- (a) Spencer
 - (b) Mandeleev
 - (c) Lamarck
 - (d) All of the above
-

114. Ligaments and tendons in the body are made up of:

- (a) skeletal tissue
 - (b) muscular tissue
 - (c) connective tissue
 - (d) epithelial tissue
-

115. A cell membrane is:

- (a) completely permeable
 - (b) impermeable
 - (c) semi-permeable
 - (d) None of the above
-

116. Who took on as the governor of RBI on 4 September 2013:

- (a) Raghuram Rajan
- (b) Ranjeet Singh
- (c) Y.R. Reddy
- (d) Somnath Sharma

117. Recipient of Sahitya Academy award for Bodo language in 2012 is:

- (a) Anil Boro
 - (b) Guneswar Musahari
 - (c) Subodh Sarkar
 - (d) Radhakant Thakur
-

118. Jananpith Award 2012 is given to:

- (a) Ravuri Bharadwaja
 - (b) Sugatha Kumari
 - (c) M.S. Swaminathan
 - (d) Kedar Nath Singh
-

119. Vitamin deficiency that causes weak bones in children is:

- (a) Vitamin A
 - (b) Vitamin B
 - (c) Vitamin D
 - (d) Vitamin E
-

120. The word which explains the similarity or difference of waves:

- (a) phase
 - (b) amplitude
 - (c) frequency
 - (d) time
-

121. Energy stored in organic matter is called:

- (a) Power
- (b) Bio-energy
- (c) Charge
- (d) Metabolism

122. In Microsoft Word the extra space, where you plan on binding your document, is provided by:

- (a) Spacebar
 - (b) Ctrl
 - (c) Shift
 - (d) Gutter Margin
-

123. The function in Microsoft Office by which multiple documents are produced from single template is called:

- (a) Mail merge
 - (b) Mail store
 - (c) Both (a) and (b)
 - (d) None of these
-

124. Parts of computer that can be touched are called:

- (a) Software
 - (b) Peripheral
 - (c) Hardware
 - (d) Functional
-

125. Memory that needs constant refreshing:

- (a) SRAM
- (b) EPROM
- (c) EEPROM
- (d) DROM

126. The North American seaport on the Pacific side is:

- (a) Baltimore
 - (b) Boston
 - (c) New York
 - (d) Seattle
-

127. The old name of Harare was:

- (a) Sam
 - (b) Rhodesia
 - (c) Salisbury
 - (d) Batavia
-

128. The famous Prince of Wales Museum is located in:

- (a) Mumbai
 - (b) Kolkata
 - (c) Vadodara
 - (d) Bangalore
-

129. Who invented Atom Bomb (Uranium Fission)?

- (a) A.W. Haffmann
 - (b) Otto Hahn
 - (c) A Einstein
 - (d) None of the above
-

130. The first ever woman of Indian origin to go into space was:

- (a) Kalpana Chawla
- (b) Valentina Tereshkova
- (c) Mary Pierce
- (d) None of the above

131. The highest mountain peak in India is:

- (a) K-2
 - (b) Everest
 - (c) Kanchanjunga
 - (d) Makalu-I
-

132. The 'Garden City' of England is:

- (a) Portsmouth
 - (b) Manchester
 - (c) Kent
 - (d) Warwickshire
-

133. Habeas Corpus is:

- (a) an order of the International Court of Justice
 - (b) a type of writ issued by a High Court or Supreme Court against illegal detention of a person
 - (c) the petition of a lawyer in the Supreme Court on behalf of his client for bail against the orders of any other court in India
 - (d) None of the above
-

134. Find the next term in the series:

1,4,13,40, 121,.....:

- (a) 243
- (b) 364
- (c) 325
- (d) 453

135. Find the missing number in the series:

1,7,4,8,7,9,10,....,13

- (a) 10
 - (b) 12
 - (c) 9
 - (d) 13
-

136. Find the next number in the series:

2, 3,4, 5, 7, 8, 9,12,13,....:

- (a) 13
 - (b) 15
 - (c) 17
 - (d) 19
-

137. Find the next term : TXS, RVW, PTA,

- (a) NRE
 - (b) NRD
 - (c) WXK
 - (d) NQE
-

138. On marking correctly one question, a boy gets 5 marks, and 2 marks are deducted on marking a wrong response. He attempted 85 questions but got 285 marks. How many questions did he mark correctly?

- (a) 39
- (b) 54
- (c) 65
- (d) 72

139. If XMKIV means TIGER, how can PONG be written ?

- (a) LKJD
 - (b) LKIC
 - (c) LJIC
 - (d) LKJC
-

140. Milk is an example of:

- (a) gel
 - (b) emulsion
 - (c) suspension
 - (d) mixture
-

141. The first country to establish trade relationships with India was:

- (a) England
 - (b) France
 - (c) Holland
 - (d) Portugal
-

142. Time gap between two sessions of Parliament cannot exceed:

- (a) 3 months
 - (b) 6 months
 - (c) 1 year
 - (d) No fixed gap
-

143. Complete the series TIE, WIJ, ZIO,...?..

- (a) CIS
- (b) CIT
- (c) DBS
- (d) PK

144 Complete the series: ZYLN, WVK, TSFH,?

- (a) QPEC
 - (b) QPDE
 - (c) QPCF
 - (d) QPCE
-

145. Complete the series: HOLE, LLPB, PITY,?

- (a) TFXU
 - (b) TFWV
 - (c) TFXV
 - (d) TFPV
-

Directions (Qs. 146 to 150): Read the given coded information and choose the correct answer from the given options.

146. If 'water' is called 'blue', 'blue' is called 'red', 'red' is called 'white', 'white' is called 'sky', 'sky' is called 'rain', 'rain' is called 'green', 'green' is called 'air' and 'air' is called 'table', which of the following is the colour of milk?

- (a) white
- (b) rain
- (c) sky
- (d) green

147. If 'light' is called 'dark', 'dark' is called 'green', 'green' is called 'blue', 'blue' is called 'red', 'red' is called 'white' and 'white' is called 'yellow', what is the colour of blood?

- (a) red
 - (b) dark
 - (c) white
 - (d) yellow
-

148. Mini is to the right of Rajni but to the left of Ananta. Saya is to the right of Mini but to the left of Jaya. Who is on the extreme left if all the girls are facing North?

- (a) Jaya
 - (b) Mini
 - (c) Rajni
 - (d) Saya
-

149. If '+' means 'x'; 'x' means '*' and '-r' means '+', then

$15 \times 5 - 5 - 10 + 5 - 3 = ?$

- (a) 9.5
- (b) 0
- (c) -2
- (d) 24

150. If Rahul finds that he is 12th from the right in a line of boys and 4th from the left, how many boys should be added to the line such that there are 28 boys in the line?

- (a) 12
 - (b) 14
 - (c) 20
 - (d) 13
-

Directions (Qs. 151 to 160): Read the following passage and answer the questions given below.

Peace and order are necessary, not just in our own country but also at the international level, if we are to secure national progress and development. The different countries in the world are coming closer today due to faster means of transport and communication. Economically, they are becoming increasingly interdependent. If peace is disturbed in one part of the world, it has adverse effects in other parts of the world as well. Nuclear weapons have already threatened the world with nuclear war. If the conflicts between different nations are not settled in time, they might culminate in a nuclear war destroying the whole world. It is therefore, in our own interest that the world is free of conflicts. If at all there are any, they must be settled promptly and peace should be restored. That is why we have declared the establishment of international peace and

understanding as an objective of our foreign policy.

We need the help and co-operation of other countries for our scientific, industrial and economic development, especially in those fields, where we have yet to achieve self-sufficiency. We obtain the latest machinery, technology and financial aid from the developed countries. On our part we, too, offer help to the under-developed countries. We are keen on maintaining friendly relations with other countries. Such friendly relations foster international understanding.

We have always exerted ourselves to see that the disputes arising between the different nations are settled through peaceful negotiations. We play an active role in the United Nations, the South Asian Association for Regional Cooperation, the Commonwealth of Nations and other such international organisations. We make it a point to participate in the international conferences on issues, like; energy crisis, environmental imbalance, nuclear arms race etc. We always offer a helping hand to other nations affected by natural calamities such as famines, earthquakes, floods and so on. We strive to maintain peaceful and friendly relations with our neighbouring countries. Why do we do all this ? We sincerely believe that conflicts in today's world should be minimised, making way for better co-operation among the

nations. If this is achieved, human resources will no longer be wasted in things like war or aggression. There will be no destruction of wealth. We believe that, in a peaceful world, there will be greater scope for the economic and cultural development of countries.

151. According to the passage, maintaining friendly relations with other countries facilitate:

- (a) developing international understanding
 - (b) exchange of scientists and technologists
 - (c) strategic planning in defence matters
 - (d) import and export of several vital commodities
-

152. If conflicts between nations do not cease:

- (a) international bodies will have to take up these issues
 - (b) international understanding will not be fostered
 - (c) nuclear war will destroy the whole world
 - (d) the means of transport and communication will be disrupted
-

153. Which of the following is obtained by us from the developed countries, according to the passage?

- (a) Fertilisers
- (b) Foodgrains
- (c) Leather Products
- (d) Technology

154. Which of the following, according to the passage, is facilitating the process of different countries coming together?

- (a) Emerging world order
 - (b) Asian Association for Regional Cooperation
 - (c) Our participation in international conferences
 - (d) Faster means of transport and communication
-

155. Minimizing the conflicts and making way for better co-operation among the nations will result in:

- (a) useful and purposive utilization of human resources
 - (b) better utilisation of means of transport and communication
 - (c) culmination of nuclear war destroying the world
 - (d) keenness on maintaining friendly relations with other countries
-

156. Which of the following statements is not true in the context of the passage?

- (a) International conflicts must be settled promptly
- (b) We try to maintain friendly relations with our neighbors
- (c) We participate in many international conferences
- (d) Each country can be considered isolated and insulated from the effects of other countries

157. Which of the following words is largely SIMILAR in meaning of the word 'culminate' as used in the passage?

- (a) Reach the highest point
 - (b) Stretch to the maximum
 - (c) Absolute standards
 - (d) Total destruction
-

158. Which of the following words is most OPPOSITE in meaning of the word 'foster' as used in the passage.

- (a) Advocate
 - (b) Hinder
 - (c) Obviate
 - (d) Facilitate
-

159. The question, "Why do we do all this" ? is asked in the passage, in which of the following contexts?

- (a) We always offer a helping hand to other nations in improving their technology
- (b) We endeavour to maintain peaceful and friendly relations with our neighbours
- (c) We obtain the latest machinery, technology and financial aid from the developed countries
- (d) We have shaped our foreign policy in a balanced and purposeful manner

160. Does any of the following sentences contain any idea expressed in the passage?

- (a) We have to make conscious efforts to preserve our national unity
 - (b) Our country is huge in size and population where many languages are spoken
 - (c) We have adopted the objective of democracy in the interest of overall development of our country
 - (d) None of these statements contain any idea expressed in the passage
-

Directions (Qs. 161 to 165) : In each of the following questions, each word is followed by four options a, b,c and d. Select the option which expresses the MEANING of the given word.

161. FALLACIOUS

- (a) Falling
 - (b) Failing
 - (c) Unreal
 - (d) Foolish
-

162. ENDURANCE

- (a) Injury
- (b) Injurious
- (c) Persistence
- (d) Discontinuance

163. UNABRIDGED

- (a) Apart
 - (b) Uncondensed
 - (c) Different
 - (d) Separate
-

164. LUDICROUS

- (a) Serious
 - (b) Recall
 - (c) Comic
 - (d) Dissolve
-

165. RENUNCIATION

- (a) Relinquishment
 - (b) Periodical
 - (c) Correspondence
 - (d) Arbitration
-

Directions (Qs. 166 to 170) : In the following questions, each word is followed by four options a, b,c and d. Select the option which is the ANTONYM of the given word.

166. OMINOUS

- (a) Virtuous
- (b) Good
- (c) Auspicious
- (d) Holy

167. TREACHEROUS

- (a) Disloyal
 - (b) Goodwill
 - (c) Veteran
 - (d) Loyal
-

168. IMPOVERISH

- (a) Enrich
 - (b) Weak
 - (c) Exit
 - (d) Never
-

169. HYPOCRISY

- (a) Falsity
 - (b) Loyalty
 - (c) Sincerity
 - (d) Wane
-

170. EBULLIENT

- (a) Obscure
 - (b) Timid
 - (c) Restrained
 - (d) Exuberant
-

Directions (Qs. 171 to 175): Fill in the blanks with correct options.

171. Is this.....clue to.....solution?

- (a) a, an
- (b) an, a
- (c) the, a
- (d) a, the

172. This edition has introduction byauthor.

- (a) a, the
 - (b) the, a
 - (c) an, the
 - (d) a, an
-

173. We got.....loan from.....bank.

- (a) the, the
 - (b) a, the
 - (c) a, a
 - (d) the, a
-

174. It took her 11 hours to reach here by air.

She.....be tired.

- (a) shall
 - (b) will
 - (c) may
 - (d) might
-

175. He.....by the road when the boy..... into the river.

- (a) walked, fell
- (b) walks, falls
- (c) was walking, fell
- (d) will walk, will fall

Directions (Qs. 176 and 177): Select one word for the following statements from the given options.

176. Type of government, where a king/emperor or a queen/empress inherits his/her position from own family:

- (a) Democracy
 - (b) Autocracy
 - (c) Anarchy
 - (d) Monarchy
-

177. Which type of government wants the privatization of market economy?

- (a) Socialist
 - (b) Capitalist
 - (c) Communist
 - (d) Democratic
-

178. Select the indirect narration of the following sentence in direct narration:

The Judge said, "Call the accused".

- (a) The judge requested to call the accused.
- (b) The judge asked to call the accused.
- (c) The judge persuaded to call the accused.
- (d) The judge ordered to call the accused.

Direction: In the question below, the passage consists of six sentences. The first and the sixth sentences are given in the beginning. The middle four sentences have been removed and

jumbled up. These are labeled P, Q, R and S.

Find out the proper order for the four sentences.

179.S1 : Just as some men like to play football or tennis, so some men like to climb mountains.

S6 : You look down and see the whole country below you.

P : This is often very difficult to do, for mountains are not just big hills.

Q : Paths are usually very steep, and some mountain-sides are straight up and down, so that it may take many hours to climb as little as one hundred feet.

R : There is always the danger that you may fall off and be killed or injured.

S : Men talk about conquering a mountain, and the wonderful feeling it is to reach the top of a mountain after climbing for hours and may be, even for days.

The proper sequence should be:

- (a) PQRS
- (b) QPSR
- (c) RQPS
- (d) SRQP

Direction: In the following question, four alternatives are given for the idiom/phrase italicized in the sentence. Choose the alternative which best expresses the meaning of the idiom/phrase.

Q.180 Why must you look a gift horse in the mouth?

- (a) welcome a gift
- (b) find fault with a gift
- (c) be fastidious
- (d) examine a gift carefully

Answer Key

1	A	31	B	61	A	91	B	121	B	151	A
2	C	32	C	62	A	92	C	122	D	152	C
3	D	33	A	63	C	93	B	123	A	153	D
4	C	34	A	64	C	94	C	124	C	154	D
5	B	35	D	65	B	95	D	125	D	155	A
6	A	36	C	66	C	96	A	126	D	156	D
7	D	37	A	67	D	97	A	127	C	157	A
8	A	38	A	68	A	98	C	128	A	158	B
9	B	39	B	69	B	99	C	129	B	159	B
10	C	40	A	70	D	100	C	130	A	160	D
11	D	41	D	71	C	101	C	131	A	161	C
12	A	42	C	72	C	102	C	132	C	162	C
13	D	43	B	73	A	103	A	133	B	163	B
14	B	44	B	74	B	104	C	134	B	164	C
15	C	45	A	75	C	105	A	135	A	165	A
16	D	46	C	76	A	106	B	136	C	166	C
17	B	47	D	77	B	107	D	137	A	167	D
18	A	48	C	78	C	108	B	138	C	168	A
19	B	49	A	79	A	109	A	139	D	169	C
20	D	50	A	80	B	110	D	140	B	170	C
21	D	51	B	81	C	111	C	141	D	171	D
22	A	52	C	82	C	112	B	142	B	172	C

23	C	53	C	83	B	113	C	143	B	173	B
24	C	54	A	84	A	114	A	144	D	174	D
25	A	55	C	85	C	115	C	145	C	175	C
26	A	56	D	86	D	116	A	146	C	176	D
27	D	57	D	87	D	117	B	147	C	177	B
28	A	58	A	88	D	118	A	148	C	178	D
29	C	59	B	89	D	119	C	149	C	179	A
30	C	60	A	90	A	120	A	150	D	180	B