

- 1) The immediate reason for revolt of 1857 was the use of lard (pig fat) and Tallow (cow fat) in cartridge of new rifles. In which of the following place the training for new rifle was given?
a) Dumdum b) Ambala c) Sialkot d) Above all
- 2) Who said – ‘separate electorate will led to division of India into two separate air tight compartments’?
a) Mahatma Gandhi b) Pandit Neheru
c) Dr. Jinha d) Sardar Patel
- 3) Which of the following statements are Incorrect with respect to Wahabi Movement.
a) It spanned from 4th decade to 7th decade of 19th century.
b) This movement pulforth planned & seven challenge to British government.
c) Abdul Wahab was promoter of the movement.
d) This movement was driven by Muslims operated by muslims and was there for Muslims only.
- 4) Consider the following statements with reference to British rule in India?
1. In 1780, the manufacture of salt was directly takes up by the Government.
2. In 1786 the collector in each district of Bengal was made responsible for setting the revenue and collecting it.
3. In 1790, the Decennial settlement of land revenue was declared permanent.
Which of the statements given above is / are Correct?
a) only (1) b) (1) and (2) c) (2) and (3) d) (1), (2), (3)
- 5) Assertion (A): In June, 1941 communist party of India declared its support to the war efforts of Great Britain.
Reason (R): Great Britain supported Russia against the German Invasion.
a) Both Correct; R is the Correct explanation of A.
b) Both Correct; R is not the Correct explanation of A.
c) A Correct and R Incorrect
d) A Incorrect and R Correct

6) Consider the following statements regarding 'Sharda Sadan' which has been established by Pandita Ramabai.

- a) The first girl who came to Sharda Sadan was Sharda Gadre.
- b) Child widow Aandibai Karve was the first student in Sharda Sadan.
- c) Ramabai Association used to send fund to Sharda Sadan from London.
- d) In 1890 Sharda Sadan was brought to Pune from Mumbai.

Find the Incorrect statements from the above statements.

7) Find out congress conference from statements given below.

- 1. It was 50th conference of National Congress.
- 2. Pandit Jawaharlal Neharu was the President of it.
- 3. In this conference 1935 Act was rejected.

Find Correct conference.

- a) Pune Conference
- b) Mumbai Conference
- c) Lahore Conference
- d) Faizpur Conference

8) Who was the editor of 'Talwar' News paper?

- a) Bipin Chandra Pal
- b) Virendranath Chatopadhyaya
- c) Motilal Neheru
- d) Dadabhai Navroji

9) Consider the following statements about the Wavell plan of 1945:

- 1. The Executive Council could nominate members from amongst the national leaders.
- 2. The Executive Council could have equal number of Hindu and Muslim representatives.
- 3. The veto power of the Governor-General was to be abolished.
- 4. The subject of foreign affairs was to be transferred from the Governor-General to an Indian member of the council.

Which one of the following alternative is Correct?

- a) 1, 2 and 4 are Correct
- b) a, b and c are Correct
- c) 1, 2 are Correct
- d) All are Correct.

10) Identify the person from given statements.

- 1. He started shrub Tax.
- 2. He built 5 canals in his period.
- 3. He started Auctions to collect revenue
- 4. He reintroduced Jahagirdari System.

- a) Ibrahim Lodi
- b) Jalaludin
- c) Firozshah Tughlaq
- d) Mohamad-bin-Tughlaq

11) Assertion (A): According to Paes, devadasis held a highly respectable position in the Vijaynagar society.

Reason (R): The Devadasi system came into existence in South India under the Vijaynagar ruler.

- 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 a correct explanation of A.
- c) A is true, but R is false
- d) A is false, but R is true

12) Assertion (A): The first split in the All India Trade Union Congress took place in 1929.

Reason (R): The Great Economic Depression resulted in differences of opinion among the AITUC leaders.

- a) Both Correct ; R is the Correct explanation of A
- b) Both Correct ; R is not the Correct explanation of A
- c) A is true, but R is false
- d) A is false, but R is true.

13) Which one of the following is not known from Asokan inscriptions?

- a) He appointed followers of Buddhist religion to high government posts.
- b) He warned the monks & nuns that they would be punished if they create schism in Buddhism.
- c) He categorically expressed his faith in Buddha, Dharma & Sangha.
- d) He made pilgrimages to holy Buddhist places.

14) Who among the following women has NOT written Hymns in Vedas?

- a) Swayamvara
- b) Apala
- c) Tara
- d) Vishawara

15) Match list I with list II

I	II
I Gupta	a) Badami
II Chandella	b) Panamalai
III Chalukya	c) Khajuraho
IV Pallava	d) Deogarh

Option:

- a) I- d, II- c, III- a, IV- b
- b) I- d, II- b, III- c, IV- a
- c) I- b, II- c, III- d, IV- a
- d) I- c, II- d, III- a, IV- b

- 16) Which one of the following most suitably defines the term 'Sreni'?
- An organization of people of one caste following the same vocation.
 - An organization of people of one or more castes following one vocation.
 - An organization of people of one caste following different vocations
 - An organization of people of different castes following different vocations.

- 17) Which of the following correctly matched?

Mughal emperors	Tombs at
1. Babur	Kabul
2. Akbar	Fatehpur
3. Jahangir	Lahore
4. Bahadur Shah Zafar	Delhi

- a) 1 & 2 b) 2 & 3 c) 3 & 4 d) 1 & 3

- 18) Which one of the following Sultans brought the Asokan pillar to Delhi?

- Ghiasuddin Tughlaq
- Firoz Shah Tughlaq
- Alauddin Khalji
- Muhammd Tughlaq

- 19) RBI is the central Bank of India. Who among the following was/were governor of RBI?

- Osborne Smith
- K G Ambegaonkar
- K R Puri
- Amitava Ghosh
- Dr C Rangarajan
- B N Adarkar

- a, d and e Only
- All of the above
- a, c, d, e , f Only
- a, d, e and f Only

- 20) In which map shown in the given figure, rivers labelled as 1, 2, 3 and 4 are respectively.



- Kosi, Gomati, Ghaghara and Gandak.
- Kosi, Ganga, Gomati and Ghaghara.
- Gandak, Ganga, gomati and Ghaghara.
- Teesta, Gomati, Ghaghara and Kosi

21) Which among the following statements regarding Siachin Glacier is Incorrect.

- a) Siachin glacier is about 75 km long and 2 to 8 km wide.
- b) It being the largest glacier outside the area of Polar sub-polar region .
- c) It is situated at an altitude of about 5800 m above sea level.
- d) Indian troops use shyok valley to reach the glacier.

22) Match the Correct pairs.

Rock System	Economic Significance
1. Dharwar System	i. Cobalt-Nickel
2. Cuddapah System	ii. Iron-Gold
3. Vindhyan System	iii. Oil resources
4. Shiwalik System	iv. Diamond

Options:

	1	2	3	4
a)	i	ii	iii	iv
b)	i	ii	iv	iii
c)	ii	i	iv	iii
d)	iv	iii	ii	i

23) Consider the statements about the world water transport.

- 1. Suez canal connects Red sea and Baltic Sea.
- 2. The length of Suez canal is 160 km.
- 3. Kiel canal is in Germany.
- 4. The distance between London and New York is reduced due to Panama Canal.

Which of the above statements are Incorrect?

- a) 1 and 2 only
- b) 1, 2 and 4 only
- c) 2 and 4 only
- d) a, b c and d

24) Which of the following African countries is NOT a landlocked country?

- a) Zambia
- b) Zimbabwe
- c) Chad
- d) Camroon

25) The average salinity of sea water is 35%. Sodium Chlorate forms 77.5% of the composition of sea water.

Which one of the following two statements is / are correct?

- 1. Dead sea has the salinity of 240%.
- 2. Magnesium sulphate is next to sodium chloride in the composition of sea water.

Options:

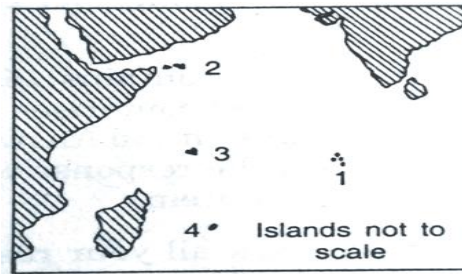
- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None

- 26) Which among the following statement regarding Gondwana Coal is true?
- Gondwana Coal is said to be 370 million years old.
 - Anthracite is generally not found in the Gondwana fields.
 - Moisture content is higher in Gondwana coal.
 - It contains very high quantities of sulphur and phosphorous.
- 27) Given below are the major forest types observed in Himalaya region. Which of the following is the correct sequence of forest types with respect to increasing altitudes?
- deciduous-mixed-coniferous-alpine-meadows
 - coniferous-mixed-deciduous-alpine-meadows
 - deciduous-mixed-alpine-meadows-coniferous
 - mixed-coniferous-deciduous-alpine-meadows
- 28) Arrange the following peaks in descending order of their heights:
- Dodabetta
 - Anaimudi
 - Gurushikhar
 - Mahendragiri
- Choose the correct option given below:
- 1, 2, 4, 3
 - 3, 1, 4, 2
 - 2, 1, 4, 3
 - 1, 4, 3, 2
- 29) Consider the following statements.
- Except Oak Tasar, remaining all four commercial varieties of silk are produced in India.
 - India is largest producer of raw silk in world.
 - West Bengal is the foremost silk producing state in India.
- Which among the above statements is true?
- 1 Only
 - 2 Only
 - 3 Only
 - None of this
- 30) Given below are the extreme locations of India. These are further placed with reference to different directions. Choose the correct group of direction-location pairs from the options given.
- Extreme locations:
- Dofdar
 - Kibithu
 - Guhar Moti
 - Indira Point
- | | (N) | (E) | (W) | (S) |
|----|-----|-----|-----|-----|
| a) | (1) | (2) | (4) | (3) |
| b) | (1) | (3) | (2) | (4) |
| c) | (3) | (2) | (1) | (4) |
| d) | (1) | (2) | (3) | (4) |

31) In general circulation of the atmosphere in the lower latitude cell is named as.....

- a) Ferrel Cell
- b) Polar front Cell
- c) Hadley Cell
- d) Rossby Cell

32) In the given map, four islands of Indian Ocean region, i.e., (A) Seychelles, (B) Chagos, (C) Mauritius and (D) Socotra are marked as (1), (2), (3) and (4). Match them and select the Correct answer from the codes given below.



Codes :

- a) A-1, B-3, C-4, D-2
- b) A-3, B-1, C-2, D-4
- c) A-1, B-3, C-2, D-4
- d) A-3, B-1, C-4, D-2

33) Three zones of varying properties have been identified in the earth i.e. crust, mantle and core.

- 1. The area of change in density between sial and sima is known as Conrad discontinuity.
- 2. The area of sudden change in seismic waves velocity is known as Moho discontinuity
- 3. The mantle- core boundary is determined by Gutenberg discontinuity.

Which of the statements given above is / are Correct?

- a) 1 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) 1, 2 and 3

34) Assertion A: Many Roman gold and silver coins, belonging to First and Second centuries AD, have been discovered in South India.

Reason R : Some part of South India were under Roman occupation during this period.

Options:

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true R is not a correct explanation of A.
- c) A is true but R is False.
- d) A is False but R is true.

35) 'Fidel' movie on Fidel Castro and Cuban revolution was made in 2002. Who was the actor who acted as a Fidel Castro in the film?

- a) David Antwood
- b) Stephen Tolkin
- c) Victor Huggo Martin
- d) Tony Plana

- 36) The ratio between the energy flow at different points along the food chain, when expressed as percentages is called
- Ecological gradient
 - Energy flow relativity
 - Energy flow efficiency
 - Ecological efficiency
- 37) Vermins are pests or misance animals. Which schedule of the wildlife (protection) Act, 1972 lists vermins?
- Schedule III
 - Schedule IV
 - Schedule V
 - Schedule VI
- 38) If camera A has f 4.5 lens and camera B has f 2.8 lens, and the diameters of both the lenses are equal, then
- Pictures taken by A will always be sharper.
 - Pictures taken by B will always be sharper.
 - A is better for photographing fast moving objects.
 - B is better for photographing fast moving objects.
- 39) Which of the following region has maximum bio-diversity?
- Mangroves
 - Savanna
 - Temperate rainforest
 - Coral reefs
- 40) Under Kigali amendment to Montreal Protocol India declared phasing out of HFC-23, a green house gas. Consider the following statements regarding HFC-23.
- HFC-23 gas is used in industrial refrigerators.
 - HFC-23 has 14800 times more global warming potential as compared to carbon dioxide.
 - HFC-23 is also known as trifluoromethane.
- Which among the above statements is / are Incorrect?
- 1 only
 - 3 only
 - 2 only
 - None is incorrect
- 41) If there were no atmosphere, what would be the colour of sky?
- White
 - Black
 - Blue
 - Red
- 42) On a clean glass plate a drop of water spreads to form a thin layer whereas a drop of mercury remains almost spherical because
- Mercury is metal
 - Density of mercury is greater than that of water
 - Cohesion of mercury is greater than its adhesion with glass
 - Cohesion of water is greater than its adhesion with glass

- 43) Delhi radio station broadcasts at a frequency of 819 kHz. What is the wavelength of the radiowaves?
- a) 3.66×10^3 m b) 3.66×10^2 m
c) 1.74×10^6 m d) 2.4×10^{-2} m
- 44) The tail of a comet always points away from the sun due to
- a) Force of repulsion b) Centrifugal force
c) Solar radiation and solar wind d) None of these
- 45) In hospitals, the oxygen tubes for respiration contain oxygen and
- a) Nitrogen b) Helium
c) Argon d) Carbon dioxide
- 46) Diesel oil is preferred for heavy motor vehicles because of
- a) High efficiency and fuel economy
b) Less consumption
c) Less damage to engine
d) Higher industrial production from crude
- 47) Assertion (A): Detergents can easily remove oil and dirt from soiled garments.
Reason (R): Detergents increase the surface tension of water.
- 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 a Correct explanation of A
c) A is true but R is false
d) A is false but R is true
- 48) The decolourizer used in sugar refining is
- a) Boneblack b) Chlorine Water
c) Hydrogen Peroxide d) Sulphur Dioxide
- 49) During elections, a permanent chemical mark is put at the base of nail index finger while exercising your franchise. This mark is not seen after two months or so because
- a) It is worn out by constant washing with soap and water
b) Constant contact of hands with hard water corrodes the mark
c) The formation of new nail forcibly removes the old one
d) It is gradually oxidized by tannin and caffeine that we ingest in tea and coffee respectively

- 50) Consider the following statements regarding blood pressure :
1. It is the pressure exerted by the blood on the walls of any vessel
 2. It decreases in the arteries as the distance from the heart increases
 3. It is lower in the capillaries than in the arteries
 4. It is usually lower in women than in men.
- a) 1 and 4 are correct b) 2, 3 and 4 are correct
c) 1, 2 and 3 are correct d) 1, 2, 3 and 4 are correct
- 51) The saliva helps in the digestion of
- a) Starch b) Proteins c) Fibres d) Fats
- 52) Amniocentesis is a method for
- a) Determination of foetal sex.
 - b) Separation of amino acids.
 - c) Determination of the sequence of amino acids in a protein.
 - d) Inducing abortion.
- 53) You are standing on your head, the apple being chewed in the mouth
- a) Cannot be swallowed as it falls out of the oesophagus back into mouth
 - b) Can be partially swallowed with a little practice and resistance
 - c) Can be swallowed by squeezing it through the oesophagus
 - d) None of these
- 54) The main difference between raw soybeans and cooked soybeans is in respect of
- a) Amino acid composition b) Biological value of proteins
 - c) Protein content d) Calorific value
- 55) Honey that has high concentration of sugar does not decay because
- a) It contains natural antioxidant that prevents bacteria attack
 - b) Bacteria cannot survive in an active state in a solution of high osmotic strength as water is drawn out
 - c) Bacteria can not survive in an active state as it is totally deprived of oxygen
 - d) None of these
- 56) In milk, fat content is reduced during
- a) Winter b) Summer c) Monsoon d) None of these
- 57) Chlorophyll in plants contains
- a) Beryllium b) Calcium c) Magnesium d) Strontium

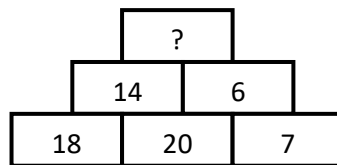
- 58) From which part of the plant is turmeric , commonly used colourant and antiseptic, obtained?
a) Root b) Stem c) Fruit d) Flower
- 59) If you have _____, then you are at risk for kidney disease.
1. Diabetes 2. High blood pressure
3. Cardiovascular disease 4. Family history of kidney failure
a) 1 Only b) 1, 2 and 4 Only
c) All of the above d) 4 Only
- 60) ISRO recently launched record 104 satellites using PSLV from Sriharikota. Which of the following countries' satellites were included among these?
1. USA 2. Israel 3. Kazakhstan 4. Netherlands 5. UAE.
6. Switzerland
a) All except 4 b) All except 6
c) All of the above d) All except 1
- 61) Japan experienced first atomic bomb in the human history. Who among the following invented atomic bomb?
a) Albert Einstein b) Enrico Fermi
c) Robert Oppenheimer d) Vannevar Bush
- 62) Who among the following received the 2016 Nobel prize in medicine for research in Autophagy?
a) David Thouless b) Jean-Pierre Sauvage
c) Yoshinori Ohsumi d) J. Fraser Stoddart
- 63) Headquarter of Amnesty International is located at _____
a) New York b) London c) Washington d) Berlin
- 64) Find Incorrect statement with respect to priority sector lending.
1. Indian commercial banks should lend 40% of its advances to priority sector.
2. There is a rule saying that highest percentage of lending of priority sector should be done in educational sector.
3. M.V. Nayar committee is not related to PSL
a) 1 and 2 Only b) 2 and 3 Only
c) 1 and 3 Only d) All of the above

- 65) Which of the following do not come under revenue expenditure of government?
1. Pension
 2. Defence equipment
 3. Administrative Expenditure
 4. Investment in PSU.
- a) 1, 2 and 3 Only b) 2 and 4 Only
c) 2 Only d) All of the above
- 66) Find Incorrect statement with respect to NITI Ayog?
1. Announced for establishment of NITI Ayog on 1st January 2015.
 2. Non-Constitutional body
 3. 4 Minister from state council of minister are ex-officio member of NITI Ayog.
 4. Prime-Minister is chairperson of NITI Ayog.
- a) 1, 3 b) 3 c) 3, 4 d) all of them
- 67) Which of the following sectors are NOT allowed for FDI?
1. Chit fund
 2. Lottery
 3. Cigaret industry
 4. Real Estate
 5. Nuclear Energy
- a) 1, 2, 3, 5 b) 1, 2, 3
c) 1, 2, 3, 4 d) All of the above
- 68) Which of the following has NOT grown during 1st 5 year plan.
- a) National Income b) Food production
c) Price Index d) Per Capita Income
- 69) The long term objective of population policy, 2000 is to achieve stable population. During which of the following years this objective is targeted to be achieved?
- a) 2055 b) 2025 c) 2035 d) 2045
- 70) During the second stage of Demographic Transition:
- a) Birth Rate declines rapidly but Death Rate remains high.
 - b) Birth Rate remains high but Death rate declines rapidly.
 - c) Birth Rate remains low but Death Rate increased rapidly.
 - d) Both Birth Rate and Death Rate decline rapidly.
- 71) Select the correct with respect to Asian Infrastructure Investment Bank (AIIB)?
1. 57 countries are founder member of it.
 2. It's Head Quarter is in Shanghai (China)
 3. Highest share of capital is from China whereas India is at 3rd, Japan at 2nd.
- a) 2 and 3 Only b) 1 and 3 Only
c) 1 and 3 Only d) All of the above

- 77) Which of the following statements is Incorrect regarding constitutional amendment procedure in India?
- a) The constitution amendment bill may be introduced in either House of parliament.
 - b) The President is bound to give assent to a constitution amendment bill.
 - c) The constitution amendment bill requires previous sanction of the President before its introduction.
 - d) In case of disagreement between the Houses of Parliament regarding constitution amendment bill, there is no provision of joint sitting.
- 78) Which of the following statements related with the President's power to grant pardon is Incorrect?
- a) The punishment given by court martial is not covered under this right.
 - b) This power is exercised by the President on the advice of the Council of Ministers.
 - c) The exercise of this power by the President is not subjected to judicial Review.
 - d) There is no need for the court to lay down specific guidelines for exercise of this power under Article 72.
- 79) Who described Part III as the most criticized part of the Constitution?
- a) Pandit Jawaharlal Nehru
 - b) Dr. Babasaheb Ambedkar
 - c) Dr. Rajendra Prasad
 - d) Sardar Vallabhbhai Patel
- 80) Consider the following statements.
1. Art 350A, 351A and 335 contain certain Directives addressed to the state, besides directives contained in Part IV.
 2. These directives in other Parts of constitution are also non-justiciable.
- Which among the above statements is/are Correct?
- a) Only 1
 - b) Only 2
 - c) Both 1 and 2
 - d) Neither 1 nor 2
- 81) Irom Sharmila, who was agitating for withdrawal Armed Forces Special Power Act (AFSPA) from North East India ended her fast after 16 years. Identify the Incorrect statement regarding AFSPA.
- a) Armed Forces Special Power Act came into force when Dr. Sarvapalli Radhakrishnan was President of India.
 - b) The act came into force especially for Nagaland. Afterwards it was extended in all seven North-Eastern Indian states.
 - c) In 1980, the act was enforced in Punjab.
 - d) For the first time, Justice Ramkrishna Hegde clearly stated misuse of AFSPA to some extent.

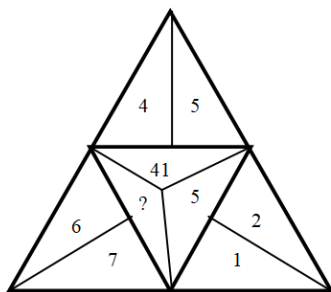
- 82) 16th December 2016 was celebrated as International Food Day. What was the theme of it?
- a) Family Planning : feeding the world, caring for the earth
 - b) Climate is changing, food and agriculture must too
 - c) social security, and poverty cycle of Agri-Rural area
 - d) Food security and sustainable food system for nutrition
- 83) Thomas Cup is associated to which sport?
- a) Badminton
 - b) Billiards
 - c) Lawn Tennis
 - d) Table Tennis
- 84) Kudankulam Nuclear power station inaugurated recently. Consider the following statements regarding it:
- 1. Total capacity of this project is 9200 MW
 - 2. In this project, six 1200 MW and two 1000 MW nuclear reactors will be established.
 - 3. Reactors will be provided by Russia's company - Atomenergomash
 - 4. Agreement between India and Russia for this project was signed during period of then Prime Minister P V Narsimharao.
- a) 1 and 2 only
 - b) 1, 2 and 3 only
 - c) All of the above
 - d) None of the above
- 85) If in a certain code language 'CHOLINE' is written as 'OCIHLEN', then how will 'SURGEON' be written in that language?
- a) RSEGNO
 - b) RSEGUNO
 - c) RESUGNO
 - d) RSEUGNO
 - e) None of these
- 86) 51975, 9450, 2100, 600, 240, 160, ?
- a) 80
 - b) 120
 - c) 320
 - d) 240
 - e) None of these

87)



- a) 24
- b) 25
- c) 28
- d) 20

88)



- a) 16
- b) 9
- c) 85
- d) 112

89) Which of the following could possibly be C's score?

- a) 70
- b) 94
- c) 86
- d) 61
- e) 81

- 90) Aman is 16th from left end in a row of boys and Vivek is 18th from right end. Gagan is 11th from Aman towards the right end. Gagan is 11th from Aman towards the right and 3rd from Vivek towards the right end. How many boys are there in the row?
- 40
 - 42
 - 48
 - 41
 - None of these
- 91) If $>$ denotes $+$, $<$ denotes $-$, $+$ denotes \div , \wedge denotes \times , $-$ denotes $=$, \times denotes $>$ and $=$ denotes $<$, choose the correct statement of the following
- $28 + 4 \wedge 2 = 6 \wedge 4 + 2$
 - $13 > 7 < 6 + 2 = 3 \wedge 4$
 - $9 > 5 > 4 - 18 + 9 > 16$
 - $9 < 3 < 2 > 1 \times 8 \wedge 2$
- 92) Statement $E < F \leq G = H > S$
Conclusions I. $G > S$ II. $Q \leq L$
- If only Conclusion I follows
 - If only Conclusion II follows
 - If either Conclusion I or II follows
 - If neither Conclusion I nor II
 - If both Conclusions I and II follow
- 93) Who is the brother-in-law of R?
- P
 - Z
 - Y
 - X
- 94) The digits/numbers from 1 to 24 to be represented by the dial of a clock are replaced by the letters of English alphabet. The replacement is started with the letter C.
Find the letter which represent 16 O'clock.
- W
 - P
 - S
 - R

95) The day on 18.09.1977 was Sunday A couple was married on this date. How many marriage anniversaries would fall on Sunday in the next 15 yr.?

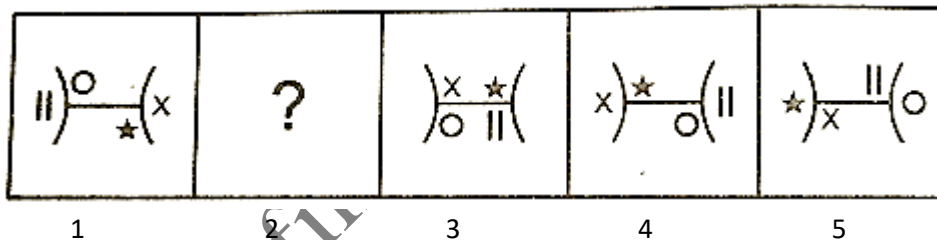
- a) 1
- b) 2
- c) 5
- d) 9

Direction: There is a family of six members A, B, C, D, E and F. They are lawyer, doctor, teacher, salesman, engineer and accountant not necessarily in that order. There are two married couples in the family. D, the salesman, is married to the lady teacher. The doctor is married to the lawyer, F, the accountant, is the son of B and brother of E. C, the lawyer, is the daughter-in-law of A. E is the unmarried engineer. A is the grandmother of F.

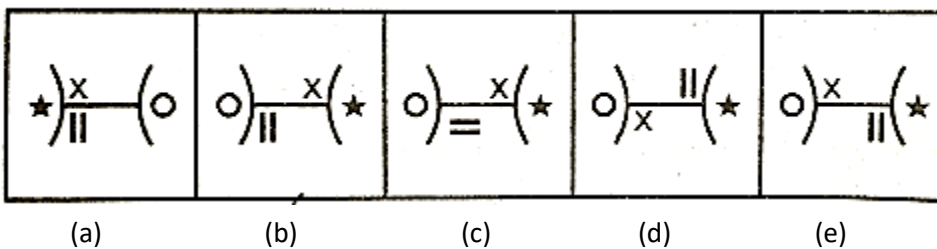
96) How is E related to F?

- a) Brother
- b) Sister
- c) Cousin
- d) None of these

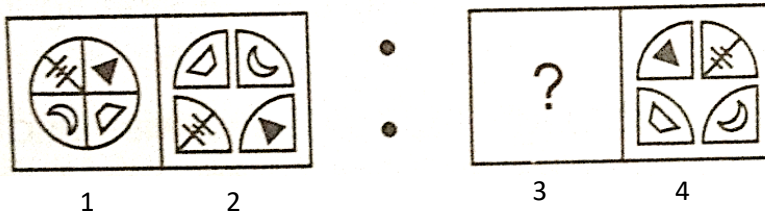
97) Problem figure



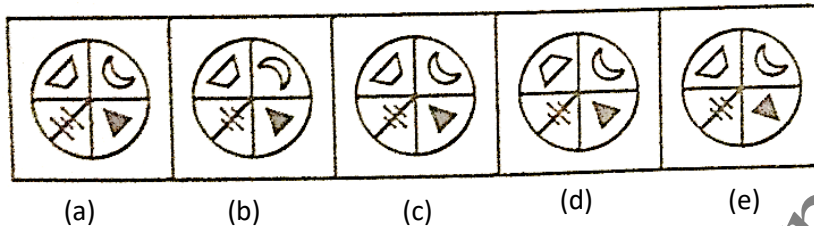
Answer Figure



98) Problem Figure



Answer Figure



99) Statement – “Do not lean out of the moving train”, a warning in the railway compartment.

Assumptions

- I. Such warning will have some effect.
 - II. Leaving out of a moving train is dangerous.
 - III. It is the duty of railway authorities to take care of passengers' safety.
- a) I and II are implicit
 - b) II and III implicit
 - c) Only II is implicit
 - d) I and III are implicit
 - e) All are implicit

100) Statement – In deserts, camels are indispensable for people to travel from one place to another.

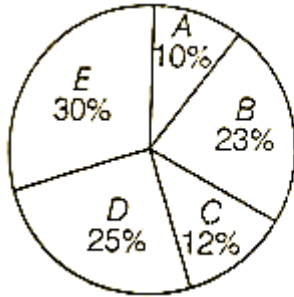
Conclusions

- I. Camels are the only cheapest mode of transport
 - II. There are plenty of camels in deserts.
- a) If only Conclusion I follows
 - b) If only Conclusion II follows
 - c) If either I or II follows
 - d) If neither I nor II follows
 - e) If both I and II follow

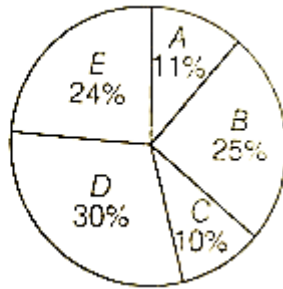
- 101) The prices of two articles are as 3:4, if the first article is increased by 10% and that of the second by ₹ 4, original ratio remains the same. The original price of the second article is
- ₹ 40
 - ₹ 10
 - ₹ 30
 - ₹ 35
- 102) A man bought 30 defective machines for ₹ 1000. He repaired and sold them at ₹ 300 per machine. He got profit of ₹ 150 per machine. How much did he spend on repairs?
- ₹ 5500
 - ₹ 4500
 - ₹ 3500
 - ₹ 2500
- 103) Kriya deposits an amount of ₹ 65800 to obtain a simple interest at the rate of 14% per annum for 4 yr. What total amount will Kriya get at the end of 4 yr?
- ₹ 102648
 - ₹ 115246
 - ₹ 125578
 - ₹ 110324
- 104) ₹ 5625 are divided among A, B and C, so that A receives $\frac{1}{2}$ as much as B and C together receive and B receives $\frac{1}{4}$ as much as A and C together receive. Find the sum of shares of A and B.
- ₹ 5000
 - ₹ 3000
 - ₹ 15000
 - ₹ 9000
 - None of these
- 105) A can complete a work in 20 days and B in 30 days. A worked alone for 4 days and then B completed the remaining work along with C in 18 days. In how many days can C working alone complete the work?
- 12
 - 68
 - 72
 - 90

- 106) Three taps are fitted in a cistern. The empty cistern is filled by the first and the second taps in 3 h and 4 h, respectively. The full cistern is emptied by the third tap in 5 h. If all three taps are opened simultaneously, then the empty cistern will be filled up in
- a) $1\frac{14}{23}$ h
 - b) $2\frac{14}{23}$ h
 - c) 2 hr 40 min
 - d) 1 hr 56 min
- 107) Moving $\frac{6}{7}$ of its usual speed, a train is 10 min late. Find its usual time to cover the journey.
- a) 25 min
 - b) 15 min
 - c) 35 min
 - d) 60 min
- 108) A train travelling at 48 km/h completely crosses another train having half length of first train and travelling in opposite directions at 42 km/h in 12 s. It also passes a railway platform in 45 s, What is the length of the platform?
- a) 600 m
 - b) 400 m
 - c) 300 m
 - d) 200 m
- 109) A player can take a maximum of 4 chances to hit a bottle with a flying disc, The probability of hitting the bottle at the first, second, third and fourth shots are 0.1, 0.2, 0.35 and 0.45, respectively. What is the probability that the player hits the bottle with the flying disc?
- a) 0.6573
 - b) 0.2574
 - c) 0.7426
 - d) None of these

- 110) Number of the students (boys + girls) studying in standard Xth of various schools (A, B, C, D and E in the year 2010)



Total Number of students
(Boys+Girls) = 3000



Total Number of boys = 1600

What is the difference between the total number of students (boys + girls) in school A and B together and the total number of students (boy + girls) in schools D and E together?

- 640
- 600
- 620
- 680
- 660

- 111) Which among the following books are written by Stephen Hawkings?

- A brief history of time.
- The grand design
- The Universe in nutshell.

- 1 and 2 only
- 2 and 3 only
- 1 and 3 only
- 1, 2 and 3

- 112) Who among the following is famously known as 'Kalaighar'?

- M Karunanidhi
- Jaylalitha
- Jayant Nadkarni
- Sridevi

113) Who had written the work – ‘Kya Khoya, Kya Paya’?

- a) Harivanshrai Bachhan
- b) Lata Mangeshkar
- c) Atal Bihari Vajpeyi
- d) Ajit Wadekar

114) Which among the following statements is/are correct regarding Kofi Annan?

- 1. He was citizen of Chile
 - 2. He was head of committee formed to resolve the Rohingya conflict.
 - 3. ‘The Elders’ is his autobiography.
- a) 1 and 2 only
 - b) 2 only
 - c) 1 only
 - d) 3 only

115) Match pairs correctly

- | | |
|--|--------------------------|
| 1. NGT Chairman | i) Ashok Kumar Mathur |
| 2. 7 th Pay Commission | ii) Radha Krishna Mathur |
| 3. 15 th Finance Commission Secretary | iii) Arvind Mehta |
| 4. Chief Information Commissioner | iv) Adarsh Kumar |
-
- | | 1 | 2 | 3 | 4 |
|----|----|-----|-----|-----|
| a) | i | ii | iii | iv |
| b) | iv | i | ii | iii |
| c) | iv | i | iii | ii |
| d) | iv | iii | ii | i |

116) Where did Pravasi Bharatiya Divas Sammelan 2019 held?

- a) Jalandhar
- b) Varanasi
- c) New Delhi
- d) Abu Dhabi

117) Who among the following releases ‘World Hope Index’?

- a) World Economic Forum
- b) Journal of Young Investigators
- c) World Bank
- d) UNEP

- 118) Recently Akshay Venkatesh received Fields Medal. He is related to which field?
- a) Economics
 - b) Peace
 - c) Maths
 - d) Music
- 119) Which of the following country has become 68th member of 'International Solar Alliance' recently?
- a) Mauritius
 - b) Myanmar
 - c) Maldives
 - d) Philipines
- 120) The resolution 2427 adopted by United Nations is related to _____
- a) Children
 - b) Women
 - c) Women and Chindren
 - d) Human Rights violations in South Sudan.
- 121) Recently RBI issued new 100 rupee note. Identify the correct statement.
- 1. Rani Ki Yav is printed on this note.
 - 2. Rani ki Vav is located in Rajasthan.
- a) 1 only
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2
- 122) World tourism day is celebrated on which day?
- a) 22 September
 - b) 23 October
 - c) 25 October
 - d) 27 September
- 123) Who among the following is goodwill ambassador of MAA (Mother's Absolute Affection) Scheme?
- a) Madhuri Dixiet
 - b) Supriya Sule
 - c) Ravina Tondon
 - d) Aishwarya Rai

124) What is 'PENCIL' portal?

- a) To find missing children
- b) For children stuck in Child labour
- c) For Orphans
- d) To find orphan & missing children

125) Which of the following countries participate in 'SAMPRIT' joint military exercise?

- a) India – UK
- b) India – Bangladesh
- c) India – Malaysia
- d) India – USA

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