

**GENERAL ABILITY EXAMS MODEL PAPERS FOR**  
**FPSC/SPSC/BPSC/KPKPSC/PPSC/NTS**  
**(MODEL PAPER.41)**

1. A wheel of a car of radius 21 cms is rotating at 600 RPM. What is the speed of the car in km/hr?
- a) 79.2 km/hr
  - b) 47.52 km/hr
  - c) 7.92 km/hr
  - d) 39.6 km/hr
  - e) 3.96 km/hr

**Correct Answer Choice B. The speed of the car is 47.52 km/hr.**

**Explanatory Answer**

The radius of the wheel measures 21 cm. In one rotation, the wheel will cover a distance which is equal to the circumference of the wheel.  
 $\therefore$  in one rotation this wheel will cover  $2\pi * 21 = 132$  cm.

In a minute, the distance covered by the wheel = circumference of the wheel \* rpm  
 $\therefore$  this wheel will cover a distance of  $132 * 60 = 79200$  cm in a minute.

In an hour, the wheel will cover a distance of  $79200 * 60 = 4752000$  cm.

Therefore, the speed of the car =  $4752000 \text{ cm/hr} = 47.52 \text{ km/hr}$

Choice B is the correct answer.

2. A lady grows cabbages in her garden that is in the shape of a square. Each cabbage takes 1 square feet of area in her garden. This year, she has increased her output by 211 cabbages as compared

to last year. The shape of the area used for growing the cabbages has remained a square in both these years. How many cabbages did she produce this year?

- a) 11236
- b) 11025
- c) 14400
- d) 12696

Cannot be determined

Use answer choices

The area in both the years are squares of two numbers.

That rules out choice D. 12696 is not the square of any number.

Check Choice A: If this year's produce is 11236, last year's produce would have been  $11236 - 211 = 11025$

11025 is the square of 105.

So, 11236 is the answer.

Choice A is the correct answer.

3. The average of 5 quantities is 6. The average of 3 of them is 8. What is the average of the remaining two numbers?
- a) 4
  - b) 5
  - c) 3
  - d) 3.5
  - e) 0.5

**Correct Answer Choice C. The average of the remaining two numbers is 3.**

### Explanatory Answer

The average of 5 quantities is 6.  
Therefore, the sum of the 5 quantities is  
 $5 * 6 = 30$ .

The average of three of these 5  
quantities is 8.  
Therefore, the sum of these three  
quantities =  $3 * 8 = 24$

The sum of the remaining two quantities  
= (Sum of all 5 - Sum of 3 quantities) =  
 $30 - 24 = 6$ .

Average of these two quantities =  $6/2 = 3$

Choice C is the correct answer.

4. Positive integers from 1 to 45, inclusive are placed in 5 groups of 9 each. What is the highest possible average of the medians of these 5 groups?
- 25
- 31
- 15
- 26
- 23

**Correct Answer** Choice B. The highest possible average of the medians of these 5 groups is 31.

### Explanatory Answer

We need to maximize the median in each group in order to maximize the average of all the medians.

The highest possible median is 41 as there should be 4 numbers higher than the median in a group of 9.

So, if we have a group that has a, b, c, d, 41, 42, 43, 44, 45, the median will be

41.

In this set, it is essential not to expend any more high values on a, b, c, or d as these do not affect the median.

The median of a group that comprises 1, 2, 3, 4, 41, 42, 43, 44, 45 will be 41.

The next group can be 5, 6, 7, 8, 36, 37, 38, 39, 40. The median will be 36.

Extrapolating the findings in the two sets listed above, to maximize medians in all the 5 groups, the medians of the 5 groups will have to be 21, 26, 31, 36 and 41.

The average of the highest possible medians will be the average of these 5 numbers = 31.

Choice B is the correct answer.

5. Prophet Muhammad (SAW) visited Ghar-i-Hira for:  
(a) Recitation (b) Memorization (c) Meetings (d) **Meditation/Tahanuth** (e) None of these
6. The Najashi King of Habasha with whom the Muslims for the first time took refuge was a:  
(a) Jew (b) Hindu (c) **Christian** (d) Mushrik (e) None of these
7. The duration of social boycott of Muslims in Shi-b abi Talib was for:  
(a) 10 Years (b) 5 Years (c) **3 Years** (d) 8 Years (e) None of these
8. Sulh-i Hudibiyya was written by:  
(a) Hazrat Abu Bakr (b) **Hazrat Ali** (c) Hazrat Umar (d) Prophet Muhammad (PBUH) (e) None of these
9. Aws and Khazraj lived in:  
(a) Yemen (b) Makkah (c) Najd (d) Hijaz (e) **None of these**
10. Aws and Khizraj were:  
(a) Money lenders (b) Agriculturalists

- (c) Nomads (d) Cottage Industrialists (e) None of these
11. The Jewish tribe Banu Qainuqa worked as:  
(a) Carpenters **(b) Gold Smiths** (c) Iron Smiths (d) Farmers (e) None of these
12. Hajjaj bin Yusuf was:  
(a) Ummayyad (b) Abbasid (c) Ottoman (d) Mughal **(e) None of these**
13. Saif Allah was the title of:  
(a) Hazrat Umar (b) Hazrat Usman (c) Hazrat Ali **(d) Hazrat Khalid bin Walid** (e) None of these
14. Hazrat Suhaib belonged to:  
**(a) Rome** (b) Iran (c) Sudan (d) Habasha (e) None of these
15. Abu Sufyan lost his eye in the battle of:  
(a) Tabuk **(b) Yarmuk** (c) Muta (d) Khandaq (e) None of these
16. Byzantium was:  
(a) Central Asia (b) Iberian Peninsula (c) Middle East **(d) Eastern Rome** (e) None of these
17. Sasanids rules:  
(a) India (b) Far East (c) Egypt **(d) Persian Empire** (e) None of these
18. Imam Malik was a famous:  
(a) Poet (b) Historian (c) Architect **(d) Jurist** (e) None of these
19. Literal meaning of word Khilafat-e-Rashida is:  
(a) Four Sahaba Caliphs **(b) Right guided caliphs** (c) Followers (d) Pious people (e) None of these.
20. Iberian peninsula is a part of:  
(a) Africa (b) Asia **(c) Europe** (d) None of these
21. Granada is a city of:  
(a) Iran (b) Egypt (c) Syria **(d) None of these**
22. The Umayyad rule in Spain came to an end in:  
(a) 1000 (b) 1258 (c) 1492 **(d) None of these.**
23. The commander in the first ever Muslim Jihad in Constantinople was:  
(a) Khalid bin Waleed (b) Qutayba bin Muslim **(c) Yazid bin Muawiyah** (d) None of these.
24. Al-Dakhil was a prince of:  
(a) Banu Abbas (b) Saljukids **(c) Banu Umayyah** (d) None of these.
25. Small amounts of iodine are necessary in our diet to—  
(A) prevent pellagra (B) compensate for under activity of the thyroid gland (C) stimulate clotting of blood (D) stimulate pituitary gland  
Answer : (B)
- 26. SYNONYMS**
27. At the age of 17 he LEFT school and went to work at the factory.  
A) graduated B) went out C) entered D) stopped E) **quitted**
28. I'll LEND you my book if you return it to me.  
A) take B) show C) **give** D) send E) get
29. The festival STARTED in Berlin.  
A) **began** B) go on C) went on D) was held E) opened
30. I like to CLEAN my room.  
A) wash B) white - wash C) paint D) **tidy up** E) sweep
31. This film IS ON at the "Friendship" cinema.  
A) **is shown** B) performs C) runs D) goes E) does
32. Mr. Brown was very happy as he HAD RETURNED from his hometown.

- A) **had come back** B) had seen C) had received D) had asked E) had gone
33. He ENTERED the shop and wanted to buy a shirt, but it was too expensive.  
A) wanted B) arrived C) **came into** D) got E) reached
34. I WISH I hadn't gone to the pictures.  
A) take B) stay C) **desire** D) argue E) spend
35. Why don't they ANSWER my question?  
A) say B) ask C) **reply** D) reform E) report
36. Mark Twain VISITED the Crimea in 1867.  
A) **went to** B) returned C) ran D) started E) left
37. I have been to Tashkent A NUMBER OF TIMES.  
A) **several times** B) sometime C) the same time D) any time E) in no time
38. Soon I FOUND OUT that she had left for Italy.  
A) saw B) **learned** C) heard D) knew E) recognized
39. Argentina is LARGER than Great Britain.  
A) wider B) older C) better D) **bigger** E) richer
40. Pete promised to take our PICTURE but didn't keep his word.  
A) give B) bring C) **photograph** D) paint E) draw
41. Every spring the school leavers HAVE their diplomas.  
A) fail B) carry C) bring D) organize E) **take**
42. If you can type 100 words a minute and you would like more responsibility, please CALL 01-722.  
A) shout B) explain C) cry D) utter E) **phone**
43. Samuel told me that they were PLANNING to see the gallery in a few days.  
A) Staying B) playing C) **going** D) Starting E) coming
44. I liked to read books about TRAVELS in my holiday.  
A) Rests B) walks C) plays D) **Journeys** E) balls
45. He WENT ON sleeping while we took him into our house.  
A) **Continued** B) spoke C) stopped D) Went E) finished
46. How are you? I am FINE thanks.  
A) so-so B) not well C) **O.K.** D) sick E) in low spirits
47. There is a SMALL boat with a man in it.  
A) stout B) large C) **little** D) tidy E) thin
- Find the **synonym** of the following words:
48. Investigation  
A) option B) question C) expression D) **search**
49. Explain  
A) Mix B) **define** C) protest D) train
50. Fine  
A) poor B) **excellent** C) inferior D) bad
51. Private  
A) general B) **personal** C) community D) public
52. Large  
A) thin B) **great** C) long D) soft
53. Crazy  
A) cruel B) chubby C) wild D) **mad**
54. Fundamental

A) awful B) absurd C) vain D) **basic**

55. Famous

A) well off B) needy C) rich D) **well-known**

56. Take off

A) put on B) dress C) wear D) **remove**

57. . Annual

A) **yearly** B) daily C) monthly D) weekly

58. Region

A) farm B) **area** C) beach D) source

59. Way

A) bridge B) **road** C) railway D) field

60. Estimate

A) **guess** B) inform C) miss D) confuse

61. Error

A) **mistake** B) correct C) result D) right

62. Actually

A) shortly B) timely C) briefly D) **really**

63. Define

A) **explain** B) protest C) train D) mix

64. Want

A) hesitate B) detest C) refuse D) **wish**

65. Fresh

A) moldy B) **new** C) rotten D) stale

66. Start

A) finish B) come C) **begin** D) leave

67. Mature

A) infant B) child C) young D) **adult**

68. Remember

A) offer B) forget C) advice D) **recollect**

69. Empty

A) filled B) **vacant** C) full D) deep

70. Gift

A) **present** B) punishment C) penalty D) fine

71. Area

A) source B) farm C) beach D) **region**

72. Fortune

A) **luck** B) belief C) religion D) faith

73. Personal

A) public B) community C) general D) **private**

74. Watch

A) **look at** B) seek C) think D) read

75. Far

A) nearby B) near C) **distant** D) close

76. Quantity

A) month B) sound C) discount D) **amount**

77. Below

A) Near B) **under** C) above D) next to

78. Kind

A) rude B) **gentle** C) intelligent D) brainy

79. Narrow

A) soft B) long C) **thin** D) brief

80. Pardon

A) **forgive** B) forbid C) allow D) promise

81. Shout

A) whisper B) whistle C) blow D) **yell**

82. Bromine is–

(A) colourless gas insoluble in water (B) A highly inflammable gas

(C) A Black solid. (D) A red liquid. (Ans : D)

83. The metal used in storage batteries–

(A) Iron (B) Copper

(C) Lead (D) Zinc (Ans : C)

84. Water has maximum density at–

(A) -4°C (B) 0°C

(C) 4°C (D) 100°C (Ans : C)

85. The colour of Emerald is–

(A) Violet (B) Yellow

(C) Deep Green (D) Prussian Blue (Ans : C)

85. Permanent hardness of water, due to sulphates of the metal, can be destroyed by the use of–

(A) Nitrates (B) Zeolites

(C) Sulphonates (D) None of these (Ans : B)

86. Rust is–

(A) A mixture of Fe<sub>2</sub>O<sub>3</sub> and Fe(OH)<sub>2</sub> (B) A mixture of FeO and Fe(OH)<sub>2</sub>

(C) FeO only (D) A mixture of Fe<sub>2</sub>O<sub>3</sub>, 3H<sub>2</sub>O and FeO (Ans : D)

87. Which of the following characters is not shown by hydrogen–

(A) It burns in air to form water (B) It supports combustion

(C) It combines with almost all metals forming hydrides (D) It readily combines with fluorine and chlorine (Ans : B)

88. Which of the following elements is obtained from sea weeds ?

- (A) Argon (B) Sulphur  
(C) Vanadium (D) Iodine (Ans : D)

89. The metallic constituents of hard water are—

- (A) Magnesium, Calcium and tin (B) Iron, tin and calcium  
(C) Calcium, magnesium and iron (D) Magnesium, tin and iron (Ans : C)

90. The location and energy of an electron in an atom can be specified by—

- (A) Atomic mass (B) Atomic number  
(C) Quantum numbers (D) None of these (Ans : C)

91. Old-written material, which cannot be read easily can be read by—

- (A) Cosmic Rays (B) Ultraviolet rays  
(C) Infra Red rays (D) None of these (Ans : C)

92. In an atomic nucleus, neutrons and protons are held together by—

- (A) Gravitational forces (B) Magnetic forces  
(C) Exchange forces (D) Coulombic forces (Ans : C)

93. The type of glass used in making prisms and lenses is—

- (A) Soft glass (B) Pyrex glass  
(C) Jena glass (D) Flint glass (Ans : D)

94. Carbon tetrachloride fire extinguisher should not be used in closed room because it produces poisonous gas called—

- (A) Carbon Monoxide (B) Phosphine  
(C) Phosgene (D) None of these (Ans : D)

95. Which of the following is commonly called a polyamide ?

- (A) Rayon (B) Orion  
(C) Terylene (D) Nylon (Ans : D)

96. Hydrometer is an instrument—

- (A) For measuring sound in water (B) To detect the presence of hydrogen in the atmosphere  
(C) For measuring the specific gravity of liquids  
(D) To detect the changes in atmospheric humidity (Ans : C)

97. Which thermometer is used to indicate the lowest temperature ?

- (A) Clinical thermometer (B) Gas thermometer  
(C) Alcohol thermometer (D) Resistance thermometer (Ans : C)

98. A chronometer measures—

- (A) Sound waves (B) Time  
(C) Water waves (D) Colour contrast (Ans : B)

99. If temperature is kept constant during the reaction the process is called—

- (A) Adiabatic (B) Isobaric  
(C) Isochoric (D) Isothermal (Ans : D)

100. Cholera is caused by—

- (A) vibrio cholerae (B) salmonella  
(C) Bacterioecoccus (D) None of these (Ans : A)

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**GENERAL ABILITY EXAMS MODEL PAPERS FOR  
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(MODEL PAPER.42)**

1. How \_\_\_\_\_ your finger?  
A) are you cutting  
B) were you cutting  
**C) did you cut**  
D) you cut
2. \_\_\_\_\_ a good time last night?  
A) Did you have  
B) Were you having  
**C) Will you have**  
D) Are you having
3. While I \_\_\_\_\_ to work this morning I \_\_\_\_\_ an old friend.  
A) went / meet  
B) am going / met  
C) go / was meeting  
**D) was going / met**
4. I \_\_\_\_\_ to get up this morning. It \_\_\_\_\_ and it was cold, and my bed was so warm.  
A) don't want / is raining  
B) am not wanting / rains  
C) wasn't wanting / rained  
**D) didn't want / was raining**
5. I \_\_\_\_\_ to the news on the radio when the phone \_\_\_\_\_.  
A) listened / was ringing  
B) am listening / was ringing  
**C) was listening / rang**  
D) listen / is ringing
6. But when I \_\_\_\_\_ up the phone, there was no one there.  
A) pick  
B) am picking  
**C) picked**  
D) was picking
7. I \_\_\_\_\_ hello to the children, but they didn't say anything because they \_\_\_\_\_ television.  
A) say / watched  
**B) said / were watching**  
C) was / saying  
D) said / watched
8. What \_\_\_\_\_ at 8.00 last night?  
A) did you do B) you did  
B) were you doing  
**C) are you doing**
9. We played tennis \_\_\_\_\_ two hours.  
A) during  
B) while  
C) nothing  
**D) for**
10. In the absence of facts we can -----  
a) conclude  
b) **deduce**:  
**Synonyms:**  
Deduct, Derive, Infer, and Infer
11. Due to the shortage of fuel the govt has asked the public to-----use of fuel  
a) exclude  
b) reject  
c) **economize**  
**Synonyms:**  
Conserve, Husband, Save
12. Police had to ---- to another road as there was terrible riots going on  
a) **divert**  
b) desert  
c) delude  
d) derive
13. He sets two alarm clocks so as to ---- that he did not oversleep  
a) assure  
b) confirm  
c) reassure  
d) **ensure**
14. As the clouds darkened, it soon became obvious that a storm was ----  
a) \*\*\*\*\*  
b) prominent  
c) eminent  
d) **imminent**
15. He ---- that it was 5'o clock  
a) recognized  
b) **realized**  
c) resolved

16. She was---- the people present??  
 a)between  
 b)in  
 c)besides  
 d)**among**
17. I can't even think ----borrowing money  
 FOR EXAMPLE:- "I have the highest respect for the courts and I cannot **even think** of criticising it  
 a) **of**  
 b)for  
 c)with
18. Where ----- his books?  
 a)he puts  
 b)**did he put**
19. The word "hoping to enter the university" is a  
 a)clause  
 b)**phrase**  
 c)sentence
20. In the first 1000 natural numbers, how many integers exist such that they leave a remainder 4 when divided by 7, and a remainder 9 when divided by 11?  
 a) 11  
 b) 14  
 c) 12  
 d) 13  
 e) 10

Correct Answer Choice D. 13 numbers are common to both the sequences.

#### **Explanatory Answer**

Step 1: Find the first number common to both the sequences.

The first sequence: Numbers leaving a remainder of 4 when divided by 7: 4, 11, 18, 25, 32, 39, 46, 53, 60, 67, ....

The second sequence: Numbers leaving a remainder of 9 when divided by 11: 9, 20, 31, 42, 53, 64, .....

From the listing of the two sequences we can identify the first number that is a part of the both the sequences is 53.

Step 2: Compute common difference of terms common to both sequences and find number of terms.

The common difference of the first sequence is 7 and that of the second sequence is 11.

Elements common to both the sequences will have a common difference that is the LCM of 7 and 11.

77 is the LCM of 7 and 11.

Every 77th number after 53 will satisfy both the conditions.

The terms that are common to both the arithmetic sequences can be expressed as  $77k + 53$ .

Because we are interested in the first 1000 natural numbers, k will take values from 0 to 12.

i.e., a total of 13 values.

Choice D is the correct answer.

21. What is the measure of the radius of the circle that circumscribes a triangle whose sides measure 9, 40 and 41?  
 a) 6  
 b) 4  
 c) 24.5  
 d) 20.5  
 e) 12.5

Correct Answer Choice D. The radius of the circle that circumscribes the triangle is 20.5.

#### **Explanatory Answer**

9, 40 and 41 is Pythagorean triplet. So, the triangle is right angled.

Key property about right triangles

In a right angled triangle, the radius of the circle that circumscribes the triangle is half the hypotenuse.

In the given triangle, the hypotenuse = 41.

Therefore, the radius of the circle that circumscribes the triangle =  $\frac{41}{2} = 20.5$  units.



Choice D is the correct answer.

22. What is the radius of the incircle (circle inscribed) of the triangle whose sides measure 5, 12 and 13 units?

a) 2 units  
b) 12 units  
c) 6.5 units  
d) 6 units  
e) 7.5 units

**Correct Answer Choice A.** The radius of its incircle is 2 units.

Explanatory Answer

Note: In a right angled triangle, the radius of the incircle =  $s - h$ , where 's' is the semi perimeter of the triangle and 'r' is the radius of the inscribed circle.

The semi perimeter of the triangle =  $a + b + c / 2 = 5 + 12 + 13 / 2 = 15$

Therefore,  $r = 15 - 13 = 2$  units.

Choice A is the correct answer.

23. How many diagonals does a 63-sided convex polygon have?

a) 3780  
b) 1890  
c) 3843  
d) 3906  
e) 1953

**Correct Answer Choice B.** The polygon has 1890 diagonals.

Explanatory Answer

The number of diagonals of an n-sided convex polygon =  $n(n-3)/2$

This polygon has 63 sides. Hence,  $n = 63$ .

Therefore, number of diagonals =  $63 \times 60 / 2 = 1890$ .

Choice B is the correct answer.

24. Who wrote Path to Pakistan -----

**Ch khalique zaman**

25. When Fatima Jinnah Joined AIML-----  
-----1940

26. Who prepared Pirpur report -----  
-----Raja Syed Mehdi

27. When Qaid e Azam Met M.K Gandhi  
1st time-----  
1916 Lucknow

28. When Non party elections held-----  
-----1985

29. When National Anthem Approved in-----  
-----August 1954

30. Who is secretary of state for India in cabinet mission-----  
lord pathetic lawrance

31. When water accord between provinces--  
-----1991

32. Here Rawal dam constructed on river---  
-----kurrang

33. Where is Green peace head quarter-----  
-----Amsterdam

34. Doab between river Ravi and Chenab called -----  
-----Rachna

35. Bala hisar fort built by-----  
-----Babar

36. who administered the oath of prime minister to Liaquat Ali Khan-----  
-----Muhammad Ali Jinnah

37. Where copper deposits in-----  
-----Chaghi

38. Who supported Pakistan resolution from Sindh province by-----  
Abdullah Haroon

39. Where is Banbhore site-----  
Thatta

40. Where is Chandka Medical College-----  
-----Larkana

41. Where are artificial forests are being maintained in-----  
Changa Manga,

42. Which is Pakistan's 2nd largest foreign exchange earning crop-----  
rice

43. When Ch Rehmat Ali coined word Pakistan in NOW OR NEVER pamphlet in-----  
1933

44. C.R. formula prepared by-----  
-----Rajagopalachari

45. Malaria parasite -----  
Ronald Ross

46. longest (largest) organ-----  
liver

47. kidney disease due to overdose of-----  
-----Vitamin C

48. largest Muslim country in Africa by population is-----  
Nigeria

49. when East Pakistan separated from West Pakistan?  
16th December 1971

50. What is the total area of Pakistan?  
796096 sq km
51. In which continent of world Pakistan is situated?  
Asia
52. What is length of Pakistan-India border?
53. 1610 km
54. What is the name of Pakistan-India border?  
Line of Control (LOC)
55. Which country is located in north of Pakistan?  
China
56. What is height of K-2?  
8611 Meters
57. What is the original name of K-2?  
Godwin Austin
58. After how many years did Pakistan get her first constitution?  
9 years
59. what document was firstly drafted to give pace to constitution making process?  
Objective Resolution
60. when the Constituent Assembly passed the Objective Resolution?  
12th March 1949
61. who was Mohammad Ali Bogra?  
Prime Minister
62. what is the other name of Mohammad Ali Bogra Formula?  
(a) New Law of Pakistan  
(b) Pakistan Report  
(c) Third Report  
(d) **Constitutional Formula**
63. when first constitution of Pakistan was enforced?  
23rd March 1956
64. according to 1973 constitution who elects Prime Minister?  
National Assembly
65. in which constitution Bicameral Legislature was provided for the first time?  
1973
66. When did Pakistan become member of United Nations?  
30th Sep 1947
67. Which country opposed Pakistan's membership in United Nations?  
Afghanistan
68. The scientist who first discovered that the earth revolves round the sun was Copernicus
69. Alexander Fleming discovered Penicillin
70. Which instrument is used to measure pressure?  
Manometer
71. What does Angstrom measure?  
Speed of ships
72. Light year is related to  
Distance
73. old name of iraq?  
mesopotimia
74. blood is red due to ?  
haemoglobin
75. marian trenc situated near?  
philpines
76. headquarter of ghandhara civilization is?  
texila
77. head quarter of saarc is situated at?  
khatmandu
78. maximum wool produceing country is?  
Australia
79. official religion of japan is ?  
Shintoism
80. which element use for producing nuclear fuel?  
uranium
81. who many rakkhu in 30 paraa of quran  
39
82. which is less conductor  
1- iron, 2-copper 3- silver 4- wood
83. Niagra fall lies b/w  
USA and Canada.
84. which is smallest country of world among area  
san marino
85. holy prophet pbuh appoited governer of yeman for collection zakat?  
hazrat muaz bin jabal
86. Which international environmental pressure group was founded in 1971?  
Greenpeace.
87. What is the capital of Morocco?  
Rabat.
88. How many balls are on the table at the start of a game of pool?  
Sixteen.

89. In which country is the volcano Mount Aso?  
Japan.
90. What name is given to inflammation of one or more joints, causing pain, swelling and restriction of movement?  
Arthritis.
91. Which mineral is the main source of mercury?  
Cinnabar.
92. Diamond is an allotropic form of.....?  
Ans. Carbon
93. Al – Andulus was conquered by the Arabs in:  
(a) 699 AD  
**(b) 711 AD**  
(c) 800 AD  
(d) None of these
94. Gibraltar is named after:  
(a) Musa bin Nusair  
(b) Caliph Walid  
**(c) Tariq bin Ziyad**  
(d) None of these
95. Musa bin Nusair was Governor of:  
(a) Egypt  
**(b) Africa** North Africa  
(c) Basra  
(d) None of these
96. Berbers belonged to:  
(a) India  
(b) Iraq  
**(c) Africa**  
(d) None of these
97. Al-Dakhil was a Prince of the house of:  
**(a) Umayyah**  
(b) Fatimah  
(c) Abbas  
(d) None of these
98. Granada fell in:  
(a) 1398  
(b) 1452  
**(c) 1492**  
(d) None of these
99. Cordova is a city of:  
(a) Saudi Arabia  
(b) Libya  
**(c) Spain**  
(d) None of these
100. Zaryab was:  
(a) Poet  
(b) Politician  
**(c) Musician**  
(d) None of these

\*\*\*\*\*

**GENERAL ABILITY EXAMS MODEL PAPERS FOR  
FPSC/SPSC/BPSC/KPKPSC/PPSC/NTS  
(MODEL PAPER.43)**

1. I worked on a farm \_\_\_\_\_ the holidays.  
A) for B) since C) while D) on
2. Have you got \_\_\_\_\_ homework?  
A) many B) much C) a few D) some
3. We don't need \_\_\_\_\_ eggs. Just half a dozen.  
A) a little B) many C) much D) a few
4. Is there \_\_\_\_\_ traffic in your town?  
A) a few B) many C) some D) much
5. I have \_\_\_\_\_ close fiends. Two or three.  
A) a lot of B) a little C) a few D) much
6. I don't know \_\_\_\_\_ students in this class.  
Because I am a newcomer.  
A) many B) a few C) some D) much
7. How \_\_\_\_\_ people live in your house?  
A) any B) much C) many D) a lot of
8. He has \_\_\_\_\_ money. He's a millionaire.  
A) many B) a lot of C) a little D) a lot
9. A: Do you take sugar in coffee?"  
B: Just \_\_\_\_\_. Half a spoonful."  
A) a few B) many C) a little D) a lot of
10. A: Have you got \_\_\_\_\_ CD's?  
B: Yes, hundreds.  
A) much B) a little C) a few D) lots of
11. I'll be ready in \_\_\_\_\_ minutes.  
A) a lot B) a little C) much D) a few
12. She speaks good Spanish, but only \_\_\_\_\_ Russian.  
A) a few B) a lot of C) much D) a little
13. I come to \_\_\_\_\_ school by \_\_\_\_\_ bus.  
A) \* / the B) the / a C) \* / \* D) the / the

**Answers.**

2-B 3-B 4-D 5-C 6-A 7-C 8-B 9-C  
10-D 11-D 12-D 13-C

14. If the price of gasoline increases by 25% and Ron intends to spend only 15% more on gasoline, by what % should he reduce the quantity of petrol that he buys?

- A. 10%
- B. 12.5%
- C. 8%
- D. 12%
- E. 6.66%

The correct choice is (C) and the correct answer is **8%**.

**Explanatory Answer**

Let the price of 1 litre of gasoline be \$x and let Ron initially buy 'y' litres of gasoline.

Therefore, he would have spent \$xy on gasoline.

When the price of gasoline increases by 25%, the new price per litre of gasoline is 1.25x.

Ron intends to increase the amount he spends on gasoline by 15%.

i.e., he is willing to spend  $xy + 15\% \text{ of } xy = 1.15xy$

Let the new quantity of gasoline that he can get be 'q'.

Then,  $1.25x * q = 1.15xy$

$$\text{Or } q = \frac{1.15xy}{1.25x} = \frac{1.15}{1.25}y = 0.92y.$$

As the new quantity that he can buy is 0.92y, he gets 0.08y lesser than what he used to get earlier.

Or a reduction of 8%.

15. Robin earns 30% more than Erica. Charles earns 60% more than Erica. How much % is the wages earned by Charles more than that earned by Robin?

- A. 23%
- B. 18.75%
- C. 30%
- D. 50%
- E. 100%

The correct choice is (A) and the correct answer is **23%**.

**Explanatory Answer**

Let the wages earned by Erica be \$100

Then, wages earned by Robin and Charles will be \$130 and \$160 respectively.

Charles earns \$30 more than Robin who earns \$130.

Therefore, Charles' wage is  $\frac{30}{130} * 100 = 23.07\%$ .

16. In an election contested by two parties, Party D secured 12% of the total votes more than Party R. If party R got 132,000 votes, by how many votes did it lose the election?

- A. 240,000
- B. 300,000
- C. 168,000
- D. 36,000
- E. 24,000

The correct choice is (D) and the correct answer is **36,000**.

**Explanatory Answer**

Let the percentage of the total votes secured by Party D be x%

Then the percentage of total votes secured by Party R = (x - 12)%

As there are only two parties contesting in the election, the sum total of the votes secured by the two parties should total up to 100%

$$\text{i.e., } x + x - 12 = 100$$

$$2x - 12 = 100$$

$$\text{or } 2x = 112 \text{ or } x = 56\%$$

If Party D got 56% of the votes, then Party got (56 - 12) = 44% of the total votes.

44% of the total votes = 132,000

$$\text{i.e., } \frac{44}{100} * T = 132,000$$
$$\frac{132000 * 100}{44}$$

$$\Rightarrow T = \frac{132000 * 100}{44} = 300,000 \text{ votes.}$$

The margin by which Party R lost the election = 12% of the total votes

$$= 12\% \text{ of } 300,000 = 36,000.$$

17. The difference between the value of a number increased by 12.5% and the value of the original number decreased by 25% is 30. What is the original number?

- A. 60
- B. 80
- C. 40
- D. 120
- E. 160

The correct choice is (B) and the correct answer is **80**.

**Explanatory Answer**

Let the original number be x.

Let A be the value obtained when x is increased by 12.5%.

$$\text{Therefore, } A = x + 12.5\% \text{ of } x$$

Let B be the value obtained when x is decreased by 25%.

$$\text{Therefore, } B = x - 25\% \text{ of } x$$

The question states that A - B = 30

$$\text{i.e., } x + 12.5\% \text{ of } x - (x - 25\% \text{ of } x) = 30$$

$$x + 12.5\% \text{ of } x - x + 25\% \text{ of } x = 30$$

37.5% of x = 30

$$x = \frac{30}{37.5} * 100 = 80$$

18. The tomb of Hazrat Abu Ayub Ansari is situated at

- a-Ankara
- b-Madina
- c-Istanbul**
- d-None of these

19. The first capital of Abbasid Caliphate was

- a- Al-Hashmiyah
- b- Samrah
- c- Baghdad
- d- None of these

20. Ibne-e-Kahldun was a famous historian of century

- a-15th
- b-14th**
- c-13th
- d-None of these

21. DIWAN AL HISBAH was instituted by

- a-Mahdi
- b-Hadi
- c-Harun** (Not sure)
- d-None of these

22. IDRISI was a famous

- a-Musician
- b-poet
- c-Geographer**
- d- None of these

23. SIYASAT NAMA was written by

- a-Firdausi
- b-Masudi
- c-Madwardi
- d- None of these (Nizam al-Mulk)**

24. Tulunid Dynasty was founded by Ahmad ibn Tulun in

- a-Khurasan
- b-Syrea
- c-Iraq
- d- None of these (Egypt)**

25. The capture of Baghdad by Halaku Khan took place in the year

- a-1285
- b-1258**
- c-1271
- d- None of these

26. Constantinople fell into the hands of the Muslims in

- a-1453**
- b-1543
- c-1354
- b- None of these

27. With the Othman empire reached its zenith of glory and prestige

- a-Bayazid
- b-Muhammad II
- c-Salim I**
- d- None of these

28. When Muslims invade the Spain was the ruler of the country?

- a-Vetiza
- b-Roderick**
- c-Theodimir
- d- None of these

29. was the Gothic capital

- a- Cordava
- b- Toledo**
- c- Garnada
- d- None of these

30. During muslim rule was the capital of Spain

- a- Cordava**
- b- Toledo
- c- Garnada
- d- None of these

31. was the first Muslim governor of Spain

- a- Turaif
- b- Tariq bin ziyad
- c- Abdul Aziz**
- d- None of these

32. Abdul Rehman al dakhil died in 173 AH after the reign of years

- a-40

b-41

c-42

**d-None of these**( Almost 32 Years)

33. Hisham bin Abdur Rehman introduce doctrine in Spain

a- Hanafi

b-Shafi

c-Humbali

**d-None of these**( Maliki)

34. The beautiful palace of built by al-Nasir

**a-Al zuhra**

b-Al hambra

c-Al qurta

d-None of these

35. al Mahdi was the first caliph of the fatimids

**a- Ubaidullah**

b- Abdullah

c- Muhammad

d- None of these

36. Battale of ZALAQA was fought between

Alfanzo VI and

a-Hajib Almansur

**b-Yousaf bin Tashfeen**

c-Tariq bin Ziyad

d-None of these

37. "Moors in Spain" was written by

a- J.J Saunders

b- P.K HATTI

**c-Lane pole**

d- None of these

38. Abdur Rehman al nasir assumed the title of Ameer ul Mominin

a-713 AH

**b-317 AH**

c-300 AH

d-None of these

39. The greatest muslim art in which they have achieved incomparable success is

a- Painting

b- Architecture

**c- Calligraphy** (interesting one)

d- None of these

40. Al KAMIL FIT TARIKH was written by

a-Tabri

b-Masudi

**c-Ibn ul Athir**

d-None of these

41. GIBRALTER is named after

a-Musa bin Nusair

b-Al Turaif

c-Uqba bin Nafay

**d-None of these** ( Tariq)

42. Garnada Fell in

a-1429 AC

**b-1492 AC**

c-1592 AC

d- None of these

43. Ibn e Rushd was a distinguished

a-Musician

b-Doctor

**c-Philosopher**

d- None of these

44. R DOZY is the author of

a-Islam in History

b-The spirit of Islam

**c-The Spanish islam**

d- None of these (Egypt)

45. MUWALLEDUN were

**a-Spanish neo muslim**

b-African slave

c-Arab soldier

d- None of these

46. Iberian Peninsula is a part of

a-Africa

b-Asia

**c-Europe**

b- None of these

47. THE PREACHING OF ISLAM is written by

a-Ameer Ali

b-Arberry A.J

**c-Arnold T.W**

d- None of these

48. Khunjab pass connects Pakistan with China

25. Reko Diq is the project of : Copper and gold

Reko Diq is a small town in Chagai

District, Balochistan, Pakistan

26. Number of Districts in Punjab: 36

27: The obligation of citizen to **obey the rules and regulation.**

28. State means: **Federal govt, provincial govt,**

Note:- The name *Pakistan* literally means "Land of the Pure" in Urdu and Persian.

29. every person have right of, **freedom,**

**speaking, no discrimination ALL**

30. Boarder Line between Pakistan and Kashmir: **LOC**

31). Major source of electricity in Pak is“  
**THERMAL**

32). 2nd largest religion of world” **ISLAM**

33). Purpose of Amensty international IS”  
**HUMAN RIGHT**

34. Which of the following is the lightest metal ?

- (A) Mercury
- (B) Silver
- (C) Lithium
- (D) Lead

35. The most important ore of Aluminium is —

- (A) Bauxite
- (B) Calamine
- (C) Calcite
- (D) Galena

36. The element present in the largest amount in rocks and minerals is —

- (A) Carbon
- (B) Silicon
- (C) Hydrogen
- (D) Aluminium

37. An alloy used in making heating elements for electric heating devices is —

- (A) Solder
- (B) Alloysteel
- (C) Nichrome
- (D) German Silver

38. German Silver is an alloy of —

- (A) Copper, Silver & Nickel
- (B) Silver, Copper & Aluminium
- (C) Zinc, Copper & Nickel
- (D) Silver, Zinc & Nickel

39. Air is a/an —

- (A) Compound
- (B) Element
- (C) Mixture
- (D) Electrolyte

40. Which of the following is the best conductor of Electricity ?

- (A) Ordinary water
- (B) Sea water
- (C) Boiled water
- (D) Distilled water

41. Balloons are filled with —

- (A) Helium
- (B) Oxygen
- (C) Nitrogen
- (D) Argon

42. The charcoal used to decolourise raw sugar is —

- (A) Animal charcoal
- (B) Sugar charcoal
- (C) Coconut charcoal
- (D) Wood charcoal

43. The most abundant metal in the earth's crust is —

- (A) Zinc
- (B) Copper
- (C) Aluminium
- (D) Iron

44. The gas used to extinguish fire is —

- (A) Neon
- (B) Nitrogen
- (C) Carbon dioxide
- (D) Carbon Monoxide

45. In which of the following activities Silicon Carbide is used ?

- (A) Making cement and glass
- (B) Disinfecting water and ponds
- (C) Making castes for statues
- (D) Cutting very hard substances

46. The element common to all acids is —

- (A) Oxygen
- (B) Hydrogen
- (C) Nitrogen
- (D) Sulphur



47. Gobar gas contains mainly —  
 (A) Methane  
 (B) Carbon dioxide  
 (C) Butane  
 (D) Carbon Monoxide
48. The most malleable metal is —  
 (A) Silver  
 (B) Gold  
 (C) Aluminium  
 (D) Sodium
49. Tetraethyl lead is used as —  
 (A) Mosquito repellent  
 (B) Pain Killer  
 (C) Fire extinguisher  
 (D) Petrol additive
50. Which of the following is used in beauty parlours for hair setting ?  
 (A) Phosphorus  
 (B) Sulphur  
 (C) Chlorine  
 (D) Silicon
51. Which of the following is a non-metal that remains liquid in room temperature ?  
 (A) Bromine  
 (B) Chlorine  
 (C) Helium  
 (D) Phosphorus
52. From which mineral is radium obtained —  
 (A) Limestone  
 (B) Haematite  
 (C) Pitchblende  
 (D) Rutile
53. What is laughing gas ?  
 (A) Carbon dioxide  
 (B) Sulphur dioxide  
 (C) Nitrogen Dioxide  
 (D) Nitrous oxide
54. Which of the following is used as a material for making protective windows in space probes?  
 (A) Steel  
 (B) Graphite  
 (C) Tungsten  
 (D) Diamond
55. Which form of phosphorus is used in safety metals?  
 (A) Red Phosphorus  
 (B) White Phosphorus  
 (C) Yellow Phosphorus  
 (D) Black Phosphorous
56. Stainless steel is an alloy of —  
 (A) Iron, Carbon and Nickel  
 (B) Iron and Manganese  
 (C) Iron, Chromium and Zinc  
 (D) Iron, Chromium and Nickel
57. Which of the following is not correctly matched ?  
 (A) Galena : Lead Sulphide  
 (B) Green vitriol : Copper sulphate  
 (C) Plaster of Paris : Calcium sulphate  
 (D) Calomel : Mercurous Chloride
58. Which of the following metals forms an amalgam with other metals ?  
 (A) Lead  
 (B) Tin  
 (C) Zinc  
 (D) Mercury

**Answers:**

34. (C) 35 (A) 36. (B) 37. (C) 38. (C)  
 39. (C) 40 (B) 41 (A) 42. (D) 43 (C) 44.  
 (C) 45. (D) 46. (B) 47. (A) 48. (B) 49  
 (D) 50. (B) 51. (A) 52 (C) 53. (D) 54.  
 (D) 55 (A) 56 (D) 57. (B) 58. (D)

59. Ummayed Caliph Mu'awiyah was son of:  
 (a) Abu Talib  
**(b) Abu Sufyan**  
 (c) Jafar  
 (d) None of these
60. The battle of Qudisiyya was fought during the reign of:  
 (a) Caliph Abu Bakr  
**(b) Caliph Umar Faruq**

- (c) Salahuddin Ayyubi  
(d) None of these
61. Tughril was the founder of:  
(a) Ghaznawids Dynasty  
(b) Ghaurid Dynasty  
(c) **Saljuq Dynasty**  
(d) None of these
62. Khuzestan is an area in:  
(a) Turkey  
(b) **Iran**  
(c) Azerbaijan  
(d) None of these
63. Sulaiman, the Magnificent was an:  
(a) Abbasid Caliph  
(b) **Ottoman Caliph**  
(c) Mughal king  
(d) None of these
64. The Mongols defeated:  
(a) Salahuddin Ayyubi  
(b) **The Abbasids**  
(c) The Ghaznawids  
(d) None of these
65. Bait-al-Hikmah was established by:  
(a) Babar  
(b) Akber  
(c) **Harun al-Rashid**  
(d) None of these
66. Carl Brockelmann is the author of:  
(a) **History of the Islamic People**  
(b) The Samanids  
(c) The Fatimids  
(d) None of these
67. The Ottoman Dynasty fell in:  
(a) 1810  
(b) 1924  
(c) 1940  
(d) **None of these**
68. Musailama al Kazzab was:  
(a) Writer  
(b) **False Prophet**  
(c) Trader  
(d) None of these
69. How many faraiz in wuzu? (4)  
70. Khasoof prayer is for? (**lunar eclipse**)
71. Istisqa prayer is for? (**Rain**)  
72. Taraveeh prayer is? (**sunnat**)  
73. **Note:-namaaze taraweeh ki 20**  
rakaat **sunname mouqadah** hy(yani wo  
**aamal jis ka majbori me ek aadh**  
**martabaa choor dena ghuna ny pr**  
**aadat bana lena ghuna hy jis pr poch**  
**gach hogii**)or iss namaaz ki jamaat  
**farde kafayaa** hy(yani k agr muhalle k  
**chand logoo ne jamaat quime krlii to**  
**baqii sab bari al zimma ho gay**)
74. Eid is? (**wajib**) Salat al-Eid is **Wajib**  
according to Hanafi scholars
75. Azan is not for? (**eid and janaza**)  
76. Tehleel means? (**kalima**)  
77. Fundamentals of Islam? (5)  
78. Juma prayer is not obligatory for?  
(**women**)
79. Salat was ordered? (**during mirage**)  
80. Al Gore, the former vice president of  
USA, was awarded noble prize for peace  
in 2007 for his work on? (**global**  
**warming**)
81. The largest producer of uranium is?  
(**Canada**)
82. What is the number of observer states in  
UNO? (2)
83. AL Jazeera is the famous Arab TV  
belongs to? (**Qatar**)
84. Wafa is the news agency of?  
(**Palestine**)
85. Darfur crisis is in which country?  
(**Sudan**)
86. Transparency International is an  
international organization based in?  
(**Berlin**)
87. Which is not a non-permanent member  
of UN Security Council?  
(**Sweden**)
88. Secretary General of UNO Ban Ki  
Moon belongs to which country? (**South**  
**Korea**)
89. Total number of members of General  
Assembly of UNO are? (193)

90. How many countries present in regional organization SAARC? (8)

91. Who was the first Muslim to be awarded Nobel Prize? (**Anwar Saadat**)

92. Incumbent secretary general of SAARC

Arjun Bahadur Thapa since 03 March 2014  
Belongs to Kathmandu, Nepal

93. 3 May is observed worldwide as?  
(**Press Freedom Day**)

94. Which country does not yield veto power? (**Canada**)

95. Qantas is Airline of ? (**Australia**)

96. Largest source of electricity generation in Pakistan is? (**Thermal**)

97. Largest export partner of Pakistan is?  
(USA)

98. India is constructing Kishanganga dam in which city? (Srinagar) under construction or planning on the Neelum River (called **Kishanganga** River in India) in Pakistan and India. THE Kishanganga hydroelectric project is being developed on the Kishanganga (Neelum) river, a tributary of the Jhelum, in the Baramulla district of Jammu and Kashmir.

99. Parachinar is a town of ? (**Kurram Agency**)

100. In 133 A.H / 750 A.D. the Abbasids overthrew. (**Umayyads**)

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**GENERAL ABILITY EXAMS MODEL PAPERS FOR  
FPSC/SPSC/BPSC/KPKPSC/PPSC/NTS  
(MODEL PAPER.44)**

1. Please have \_\_\_\_\_ cake.  
A) a B) \* C) the D) an
2. How often do you eat \_\_\_\_\_ chocolate?  
A) the B) an C) \* D) a
3. This table is made of \_\_\_\_\_ glass.  
A) \* B) the C) an D) a
4. I never drink \_\_\_\_\_ coffee.  
A) an B) \* C) a D) the
5. Does he like \_\_\_\_\_ cake?  
A) the B) a C) an D) \*
6. She needs \_\_\_\_\_ to help her choose a birthday present.  
A) something B) anybody C) someone D) somewhere
7. Is \_\_\_\_\_ listening to me!  
A) somebody B) anyone C) something D) anywhere
8. Would \_\_\_\_\_ please explain what happened?  
A) anything B) somewhere C) anybody D) someone
9. He doesn't care. He will watch \_\_\_\_\_ on television!  
A) somewhere B) something C) anything D) anybody
10. If \_\_\_\_\_ asks, tell them I've got a cold.  
A) anyone B) anything C) somewhere D) somebody

**Answers.**

1-A 2-C 3-A 4-B 5-D 6-C 7-B 8-C  
9-C 10-A

**11. What is the antonym of VICIOUS?**

- 1) consent
- 2) refined
- 3) noble
- 4) wary
- 5) None of these

Answer – (3)

**Explanation :** noble – belonging by rank, title, or birth to the aristocracy.

**12. What is the antonym of INQUISITIVE?**

- 1) insensitive
- 2) insincere
- 3) indifferent
- 4) insulting
- 5) None of these

Answer – 3)

**Explanation :** indifferent

**13. What is the synonym of SUCCESSIVE?**

- 1) consecutive
- 2) victorious
- 3) prolong
- 4) various
- 5) None of these

Answer – 1)

**Explanation :** consecutive

SUCCESSIVE – following one another or following others.

**14. What is the synonym of SUPERSTITIOUS?**

- 1) pious
- 2) traditional
- 3) irrational
- 4) sacred
- 5) None of these

Answer – 3)

**Explanation :** irrational

**15. What is the antonym of NADIR?**

- 1) zenith
- 2) progress
- 3) modernity
- 4) liberty
- 5) None of these

Answer – 1)

**Explanation :** zenith

**16. What is the synonym of GARNISH ?**

- 1) paint
- 2) adorn
- 3) garner
- 4) banish
- 5) None of these

Answer – 2)

**Explanation :** adorn – make more beautiful or attractive.

**17. What is the antonym of CULPABLE?**

- 1) irresponsible
- 2) dependable
- 3) blameless
- 4) careless
- 5) None of these

Answer – 3)

**Explanation :** blameless

**18. What is the synonym of MENTOR ?**

- 1) stylish
- 2) guide
- 3) genius
- 4) philosopher
- 5) None of these

Answer – 2)

**Explanation :** guide

**19. What is the antonym of EXODUS?**

- 1) influx
- 2) home-coming
- 3) return
- 4) restoration
- 5) None of these

Answer – 1)

**Explanation :** influx – an arrival or entry of large numbers of people or things.

**20. What is the synonym of RAVAGE?**

- 1) destroy
- 2) victorious
- 3) eminent
- 4) abolish
- 5) None of these

Answer – 1)

**Explanation :** destroy

21. What is the % change in the area of a rectangle when its length increases by 10% and its width decreases by 10% ?

A. 0%

- B. 20% increase
- C. 20% decrease
- D. 1% decrease
- E. Insufficient data

The correct choice is (D) and the correct answer is **1% decrease**.

### Explanatory Answer

Whenever you encounter problems like this, use a numerical example and then proceed.

For ease of computation, it is safe in most cases, to assume the length to be 100 units and the width to be 100 units.

(Remember, a square is a rectangle too and the problem works the same way when you assume different values for length and width. Computation becomes a bit tedious with different values for length and width)

Area of a rectangle = **length \* width** =  $100 * 100 = 10,000$  sq units.

When the length increases by 10%, the new length becomes 110 units.

And as the width decreases by 10%, new width becomes 90 units.

Therefore, New area =  $110 * 90 = 9900$  sq units.

New area is 100 sq units lesser than the original area.

% change in area =  $((\text{change in area}) / (\text{original area})) * 100$

=  $(100/10,000) * 100 = 1\%$  decrease in area

**22.** Three friends Alice, Bond and Charlie divide \$1105 amongst them in such a way that if \$10,

\$20 and \$15 are removed from the sums that Alice, Bond and Charlie received respectively, then the share of the sums that they got will be in the ratio of 11 : 18 : 24. How much did Charlie receive?

\$495

\$510

\$480

\$375

\$360

The correct choice is (A) and the correct answer is **\$495**.

### Explanatory Answer

Let the sums of money received by A, B and C be x, y and z respectively.

Then  $x - 10 : y - 20 : z - 15$  is  $11a : 18a : 24a$

When \$10, \$20 and \$15 are removed, we are removing a total of \$45 from \$1105.

Therefore,  $11a + 18a + 24a = 1105 - 45 = 1060$   
i.e.,  $53a = 1060$   
or  $a = 20$ .

We know that  $z - 15 = 24a = 24 * 20 = 480$

Therefore,  $z = 480 + 15 = \$495$

**23.** Mary and Mike enter into a partnership by investing \$700 and \$300 respectively. At the end of one year, they divided their profits such that a third of the profit is divided equally for the efforts they have put into the business and the remaining amount of profit is divided in the ratio of the investments they made in the business. If Mary received \$800 more than Mike did, what was the profit made by their business in that year?

\$2000

\$6000

\$4000

\$1333

\$3000

The correct choice is (E) and the correct answer is **\$3000**.

### Explanatory Answer

Let the profit made during the year be \$3x

Therefore, \$x would have been shared equally and the remaining \$2x would have been shared in the ratio 7 : 3.

i.e., 70% of 2x would go to Mary and 30% of 2x would go to Mike.

Hence, Mary would get (70 - 30)% of 2x more than Mike

Or 40% of 2x = \$800

$\frac{40}{100} * 2x = 800$   
i.e.,  
or 2x = 2000.

Hence, the profit made by the company during the year \$3x = \$3000.

**24.** A, B and C, each of them working alone can complete a job in 6, 8 and 12 days respectively. If all three of them work together to complete a job and earn \$ 2340, what will be C's share of the earnings?

\$1100

\$520

\$1080

\$1170

\$630

The correct choice is (B) and the correct answer is **\$520**.

### Explanatory Answer

A, B and C will share the amount of \$2340 in the ratio of the amounts of work done by them.

As A takes 6 days to complete the job, if A

works alone, A will be able to complete  $\frac{1}{6}$  th of the work in a day.

Similarly, B will complete  $\frac{1}{8}$  th and C will complete  $\frac{1}{12}$  th of the work.

So, the ratio of the work done by A : B : C when

they work together will be equal to  $\frac{1}{6} : \frac{1}{8} : \frac{1}{12}$

Multiplying the numerator of all 3 fractions by 24, the LCM of 6, 8 and 12 will not change the relative values of the three values.

We get  $\frac{24}{6} : \frac{24}{8} : \frac{24}{12} = 4 : 3 : 2$ .

i.e., the ratio in which A : B : C will share \$2340 will be 4 : 3 : 2.

Hence, C's share will be  $\frac{2}{9} * 2340 = 520$ .

**25.** What is laughing gas ?

Nitrous Oxide

**26.** Which is the longest river of America?

Mississippi

**27.** Don is river of ?

Russia

**28.** What is the length of khyber pass?

56 km

29. Longest glacier of the world is Lambert situated in Antarctica, what is its length?

320 Miles

30. Which of the following lake is most polluted lake in the world?

Lake eire

31. Tugela water fall is present in?

South Africa

32. Gota canal is the ship canal situated in ?  
Sweden

33. Which of the following is the lightest metal?

(A) Mercury (B) Silver

(C) Lithium (D) Lead (Ans : C)

34. The most important ore of Aluminium is—

(A) Bauxite (B) Calamine

(C) Calcite (D) Galena (Ans : A)

35. The element present in the largest amount in rocks and minerals is—

(A) Carbon (B) Silicon

(C) Hydrogen (D) Aluminium (Ans : B)

36. The chemical name of Urea is—

(A) Aneurin (B) Chloroethane

(C) Carbamide (D) None of these (Ans : C)

37. Permanent hardness of water can be removed by adding—

(A) Potassium Permanganate (B) Chlorine

(C) Bleaching Powder (D) Washing Soda (Ans : D)

37. The formula of Plaster of Paris is—

(A)  $\text{CaSO}_4$  (B)  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

(C)  $2\text{CaSO}_4 \cdot \text{H}_2\text{O}$  (D)  $2\text{CaSO}_4 \cdot \text{H}_2\text{O}$  (Ans : D)

38. Liquefied Petroleum gas (LPG) consists of mainly—

(A) Methane, Ethane and Hexane (B) Ethane, Hexane and Nonane

(C) Methane, Butane and Propane (D) Methane, Hexane and Nonane (Ans : C)

39. The metal that is present in Photo Films is—

(A) Mercury (B) Platinum

(C) Magnesium (D) Silver (Ans : D)

40. Which of the following is in liquid form at room temperature?

(A) Cerium (B) Sodium

(C) Francium (D) Lithium (Ans : C)

41. The property of a substance to absorb moisture from the air on exposure is called—

(A) Osmosis (B) Desiccation

(C) Efflorescence (D) Deliquesce (Ans : D)

42. Brass gets discoloured in air due to the presence of which gas in air—

(A) Carbon dioxide (B) Oxygen

(C) Hydrogen Sulphide (D) Nitrogen (Ans : C)

43. Quartz crystals normally used in quartz clocks etc. is chemically—

(A) Sodium Silicate (B) Silicon dioxide

(C) Germanium dioxide (D) A mixture of (B) and (C) (Ans : B)



44. Which of the following elements is non-radioactive?

(A) Uranium (B) Thorium

(C) Plutonium (D) Zirconium (Ans : D)

45. According to Dalton's atomic theory the smallest particle which can exist independently is—

(A) An atom (B) A molecule

(C) A cation (D) An anion (Ans : A)

46. The recent atomic weight scale is based on—

(A)  $1\text{H}^1$  (B)  $1\text{H}^2$

(C)  $6\text{C}^{12}$  (D)  $8\text{O}^{16}$  (Ans : C)

47. The major ingredient of leather is—

(A) Carbohydrate (B) Collagen

(C) Polymer (D) Nucleic acid (Ans : B)

48. Glass is made from the mixture of—

(A) Quartz and mica (B) Sand and salt

(C) Sand and silicates (D) None of these (Ans : C)

49. Epoxy resins is used as—

(A) Moth repellants (B) Insecticides

(C) Detergents (D) Adhesives (Ans : D)

50. One fathom is equal to—

(A) 6 metres (B) 6 feet

(C) 60 feet (D) 60 cms (Ans : B)

51. What is the unit for measuring the pitch or frequency of sound ?

(A) Coulomb (B) Hum

(C) Cycles (D) Decible (Ans : D)

52. The fastest acting enzyme in the biological kingdom is—

(A) lipase (B) amylase

(C) carboxypeptidase (D) carbonic anhydrase (Ans : D)

53. Lightening cause rainfall because—

(A) It cause combination of oxygen and nitrogen  
(B) Some of the gas molecules become bigger

(C) It activate  $\text{H}_2\text{O}$  molecule (D) Photo-electricity reaction starts (Ans : C)

54. Nitrification means—

(A) Liquifaction of nitrogen (B) Convert the atmospheric nitrogen to effective nitrogen compound.

(C) Production of nitrogen from air (D) Conversion of nitrogen to nitric acid. (Ans : B)

55. Cell membrane is—

(A) permeable (B) selectively permeable

(C) semipermeable (D) impermeable (Ans : C)

56. Polythene is industrially prepared by the polymerisation of—

(A) methane (B) styrene

(C) acetylene (D) ethylene (Ans : D)

57. The Abbasids Governor came to Sindh in 140 A.H. / 757 A.D. (Hisham)

58. In 367 A.H / 777 A.D , Subuktigin , a Turkish slave became the master of ( Ghazni)

59. Mahmood's first important battle was fought against whom near Peshawar in 8 Muharram 392 A.H 25 November 1001 A.D. (Jaipal)

60. Science is derived from Latin word “scientia” which means.(Knowledge)

61. Pythagoras regarded sun,earth,& moon as of what shape. (Spheres)

62. Calculus was invented by whom. (Issac Newton)

63. Dispersion of white light through prism into seven different colors was showed. (Issac Newton)

64. Who for the first time point out that the path of a projectile would a parabola.(Galileo Galilei)

65. Analytical solutions to Quadratic equations were introduced . (Al-Khwarzmi)

66. Theory on Geological formation of metals was given by whom .(Jabir bin Hayyan)

67. Who is known as “Father of Pediatrics”.(Al-Razi)

68. Light travels faster than sound. It was discovered for the first time. (Al Beruni)

69. The branch of science which deals with the nature of sound, its production, transmission and effects is called (Acoustics)

70. The science of motion and propulsion of rockets,missiles and projectiles is called .(Ballistics)

71. The study of energy production in living bodies is called .(Bioenergetics)

72. The study of Deterioration of environment by activity of living things is called .(Biofouling)

73. The science of getting exact copies of desired living organisms,organs,genes or molecules is known as .(Cloning)

74. The study of creation of the Universe is called . (Cosmology)

75. The study of genetics of cell is called. (Cytogenetics)

76. Who showed that the space between galaxies is increasing and the universe is expanding.(Edwin Hubble)

76. The Biggest Sea in the world

a) (Amazon,

b) **South China Sea,**

c) Pacific)

77. The Smallest Sea in the following options.

a) **Baltic Sea**

b) Red Sea

c) None)

Note:- **Gulf of California (Pacific Ocean) is the smallest in the world.**

78. After how many year March Parade is going to be held

a) **7year**

b) 8year

c) 9year

79. Who made Highest Score (498) in World Cup

- a) (New Zealand's Martin Gupill)

- b) Andreson,  
c) Criss Gale)

**80.** Longest organ in the  
body

- a) Kidney  
b) Liver,  
c) Heart

*Note:- The longest bone in the human body is the femur. The largest artery is the aorta and the largest vein is the inferior vena cava. The largest internal organ is the liver. It is also the heaviest organ, with an average of 1.6 kilograms (3.5 pounds).*

**81.** How many bones in human body at  
birth

- a) 206,  
b) 270  
c) 306

*Note:- It is composed of 270 bones at birth – this total decreases to 206 bones by adulthood after some bones have fused together. The bone mass in the skeleton reaches maximum density around age 30. The human skeleton can be divided into the axial skeleton and the appendicular skeleton.*

**82.** Light of sun reached at earth in ----

Minutes

- a) 8.20  
b) 6  
c) 10

Note:- **sunlight** only takes 490 seconds to **reach Earth**.

**83.** Which vitamin we get from

Sunshine (A, D, K,  
B)

**84.** Most abundant element in the  
Earth (Oxygen, Silicon, Hydrogen)

**85.** Most abundant element in earth's  
atmosphere 78.1%

(Nitrogen, Oxygen, Argon)

**86.** What is Solar  
Impulse?

Aircraft,

Missile, Robot)

Note: - Solar Impulse is a Swiss long-range experimental solar-powered aircraft project, and also the name of the project's two operational aircraft.

**87.** 23<sup>rd</sup> march  
is

Pakistan day, Republic day, Azadi day)

**88.** Which is the 3rd Sura in Al-Quran?

- (a) Al-Maida  
(b) Aal-e-Imran  
(c) An\_Nisa  
(d) None of these

**89.** Imam Shafi was a:

- (a) Philosopher  
(b) Jurist

- (c) Poet  
(d) None of these

90. Tigris is a river of:

- (a) Uzbekistan  
**(b) Iraq**  
(c) Kazakhstan  
(d) None of these

91. The modern name of Habsha is

- (a) Africa  
**(b) Ethiopia**  
(c) Sudan  
(d) None of these

92. Word Muhammad means:

- (a) Worthy of praise  
**(b) The praised one**  
(c) Noble  
(d) None of these

93. Aws and Khazaj were two tribes of:

- (a) The Jews  
(b) The Quraish  
**(c) The Ansar**  
(d) None of these

94. Banu Quraiza, Banu Nadir and Banu Qainuqa were three tribes of the:

- (a) Muslims  
(b) Christians  
**(c) Jews**  
(d) None of these

95. Arrange in chronological order:

- (a) Battle of Uhud**  
**(b) Battle of Muta**

- (c) Battle of Khandaq**  
(d) None of these

96. The capital of Khurasan was:

- (a) Peshawar  
(b) Daibul  
(c) Nishapur  
**(d) None of these**

97. Khilafat-e-Rashida lasted for about:

- (a) 60 years  
(b) 80 years  
**(c) 30 years**  
(d) None of these

98. Alp Arslan belonged to

- (a) The Ottoman  
**(b) Saljuqid**  
(c) Mamluq Dynasty  
(d) None of these

99. "The Preaching of Islam" is written by:

- (a) Carl Brockelmann  
**(b) T. W. Arnold**  
(c) T. B. Irving  
(d) None of these

100. R. Dozy is the author of:

- (a) Islam in History  
(b) The spirit of Islam  
**(c) The Spanish Islam**  
(d) None of these

\*\*\*\*\*

**GENERAL ABILITY EXAMS MODEL PAPERS FOR  
FPSC/SPSC/BPSC/KPKPSC/PPSC/NTS  
(MODEL PAPER.45)**

Find the Antonym of the word provided.

1. **Zealot**

- 1) impious
- 2) bigot
- 3) fanatic
- 4) chauvinist

Answer – 1)

**Explanation :** impious – showing a lack of respect for God or religion.

2. **Zigzag**

- 1) oblique
- 2) winding
- 3) unbent
- 4) crooked

Answer – 3)

**Explanation :** unbent – make or become straight from a bent or twisted form or position.

3. **Wane**

- 1) decrease
- 2) decline
- 3) deteriorate
- 4) revive

Answer – 4)

**Explanation :** revive – restore to life or consciousness.

4. **Wilt**

- 1) smother
- 2) perish
- 3) bloom
- 4) wither

Answer – 3)

**Explanation :** bloom – used to express annoyance or for emphasis.

5. **Tainted**

- 1) proverb
- 2) eminent
- 3) adept
- 4) wholesome

Answer – 4)

**Explanation :** wholesome

6. **Taboo**

- 1) permit
- 2) ban
- 3) forbid
- 4) amity

Answer – 1)

**Explanation :** permit

7. **Usurp**

- 1) restore
- 2) wrest
- 3) baggage
- 4) gauge

Answer – 1)

**Explanation :** restore

8. **Venom**

- 1) offered
- 2) benevolent
- 3) rancour
- 4) offensive

Answer – 2)

**Explanation :** benevolent

9. **Vouch**

- 1) approve
- 2) redialling
- 3) endorse
- 4) prohibit

Answer – 4)

**Explanation :** prohibit

10. **Trite**

- 1) proper
- 2) stale
- 3) ordinary
- 4) protest

Answer – 1)

**Explanation :** proper

11. This morning \_\_\_\_\_ bus was late.

A) a B) \* C) an D) the

12. My favorite subject is \_\_\_\_\_ history, but I'm not very good at \_\_\_\_\_ math.

A) \* / the B) a / a C) the / the D) \* / \*

13. Ankara is \_\_\_\_\_ capital of Turkey.

A) the B) a C) \* D) an

14. I work in \_\_\_\_\_ company that makes \_\_\_\_\_ carpets.

A) a / \* B) the / the C) the / \* D) a / a

15. My friend lives in \_\_\_\_\_ same street as me.

A) a B) \* C) an D) the

16. A: How much are the driving lessons?

B: Fifteen pounds \_\_\_\_\_ hour.

A) \* B) the C) an D) a

17. I was at \_\_\_\_\_ home all day yesterday.

A) the B) \* C) an D) a

18. There are \_\_\_\_\_ apples.

A) most B) a lot of C) a little D) much

19. The shop hasn't got \_\_\_\_\_ washing powder.

A) a few B) few C) much D) many

20. Why aren't there \_\_\_\_\_ magazines?

A) little B) much C) a little D) many

21. The shop hasn't got \_\_\_\_\_ birthday cards.

A) many B) much C) some D) a little

22. I saw \_\_\_\_\_ change on the table a minute ago.

A) much B) some C) many D) any

23. I can see \_\_\_\_\_ newspapers.

A) lots of B) most C) a little D) much

24. The shopkeeper has got \_\_\_\_\_ cheese.

A) a lot of B) many C) few D) a few

25. I need \_\_\_\_\_ help with my homework. Are you free?

A) a few B) much C) any D) some

26. Let's have \_\_\_\_\_ ice-cream.

A) a B) \* C) an D) the

27. I eat \_\_\_\_\_ apple every day.

A) the B) a C) an D) \*

28. Would you like \_\_\_\_\_ coffee or tea?

A) \* B) the C) an D) a

29. They don't like \_\_\_\_\_ chocolate.

A) a B) the C) \* D) an

30. I'd like \_\_\_\_\_ glass of milk, please.

A) the B) a C) an D) \*

**Answers.**

**11-D 12-D 13-A 14-C**

**15-D 16-C 17-B 18-B 19-C 20-D 21-A 22-B**

**23-A 24-A 25-D 26-C 27-C 28-A 29-C 30-B**

31. In what ratio should a 20% methyl alcohol solution be mixed with a 50% methyl alcohol solution so that the resultant solution has 40% methyl alcohol in it?

1 : 2

2 : 1

1 : 3

3 : 1

2 : 3

The correct choice is (A) and the correct answer is **1 : 2**.

**Explanatory Answer**

Let there be 1 litre of the solution after mixing 20% methyl alcohol and 50% methyl alcohol..

If the concentration of methyl alcohol in it is 40%, then 0.4 litres of the resultant mixture is methyl alcohol.

Let x litres of the solution containing 20% methyl alcohol be mixed with (1 - x) litres of the solution containing 50% methyl alcohol to get 1 litre of the solution containing 40% methyl alcohol.

X litres of 20% methyl alcohol solution will contain 20% of x = 0.2x litres of methyl alcohol in it.

(1 - x) litres of 50% methyl alcohol solution will contain 50% of (1 - x) = 0.5(1 - x) litres of methyl alcohol.

The sum of these quantities of methyl alcohols added up to the total of 0.4 litres in the

resultant mixture.

Therefore,  $0.2x + 0.5(1 - x) = 0.4$  litres

$$0.2x + 0.5 - 0.5x = 0.4$$

$$0.5 - 0.4 = 0.5x - 0.2x$$

$$\frac{0.1}{0.3} = \frac{1}{3} \text{ litres}$$

$$\text{And } 1 - x = 1 - \frac{1}{3} = \frac{2}{3} \text{ litres.}$$

So, the two solutions are mixed in the ratio of 1 : 2.

32. A cube of side 5 cm is painted on all its side. If it is sliced into 1 cubic centimeter cubes, how many 1 cubic centimeter cubes will have exactly one of their sides painted?

9

61

98

54

64

**Correct Answer Choice D. 54 cubes will have exactly one of their sides painted.**

**Explanatory Answer**

When a 5 cc cube is sliced into 1 cc cubes, we will get  $5 * 5 * 5 = 125$  cubes of 1 cubic centimeter.

In each side of the larger cube, the smaller cubes on the edges will have more than one of their sides painted.

Therefore, the cubes which are not on the edge of the larger cube and that lie on the facing sides of the larger cube will have exactly one side painted.

In each face of the larger cube, there will be  $5 * 5 = 25$  cubes.

Of these, the cubes on the outer rows will be on the edge. 16 such cubes exist on each face.

If we count out the two outer rows on either side of a face of the cube, we will be left with  $3 * 3 = 9$  cubes which are not on the edge in each face of the cube.

Therefore, there will be 9 cubes of 1-cc volume per face that will have exactly one of their sides painted.

In total, there will be  $9 * 6 = 54$  such cubes.

Choice D is the correct answer.

33. The Holy Quran was first compiled during the caliphate of Hazrat-----:

- a) Muhammad (PBUH)
- b) **Abu Bakar Siddique (R.A)**
- c) Uthman (R.A)
- d) none of these

34. Hazrat Umer was Caliph for-----:

- a) 2 years
- b) 4 years
- c) **10 years**
- d) none of these

35. The orthodox caliphate lasted for----- :

- a) 26 years
- b) **29 years**
- c) 32 years
- d) none of these

36. Hazrat Ali was martyred in the year-----:

- a) 650 AD
- b) 656 AD
- c) **661 AD**
- d) none of these

37. The Umayyad Dynasty was put to an end in the year-----:

- a) 660 AD
- b) **750 AD**
- c) 770 AD
- d) None of these

38. The Abbasid Dynasty ruled for just over-----  
--:

- a) **five centuries**

- b) two centuries
- c) three centuries
- d) none of these

39. The Islamic calendar (hijra) started in the year-----:

- a) **622 AD**
- b) 620 AD
- c) 621 AD
- d) none of these

40. The famous Al-Muwatta was written by:

- a) **Imam Malik**
- b) Imam Abu Hanifa
- c) Imam Muslim
- d) Imam Hanbal

41. The Holy Prophet (P.B.U.H) migrated to Madina in-----:

- a) 615 AD
- b) **622 AD**
- c) 625 AD
- d) none of these

42. The last Umayyad ruler at Damascus was-----  
---:

- a) **Marwan II**
- b) Abdul Aziz
- c) Abdul Rahman
- d) none of these

43. The founder of Umayyad Dynasty was-----  
:

- a) Yazid
- b) Abd al Malik
- c) **Muawiyah I**



d) none of these

44. Baybars, the Mamluke Sultan of Egypt, took-----to install him as Abbasid caliph in Cairo on the year 1261 AD:

- a) Al-Mustansir
- b) Al-Hakim
- c) Al-Mustakfi-I
- d) None of these

45. The founder of Umayyad Dynasty in Spain was-----:

- a) Khalid bin Walid
- b) Moosa bin Nysair
- c) **Abdur Rahman I**
- d) None of these

46. The Ottoman Sultan Salim took-----from Cairo to Istanbul to install him as Caliph:

- a) Al-Mutawakkil III
- b) Al-Qa'im
- c) Al-Mustamsik
- d) None of these

47. Under which Caliph, Sindh was invaded by Muhammad bin Qasim in 711 AD?

- a) Muawiyah
- b) **Al-Walid I**
- c) Abdul Malik

d) None of these

48. When did the Ottomans cross into Europe:

- a) **1357 AD**
- b) 1520 AD
- c) 1550 AD
- d) None of these

49. When was Hungary brought under Ottoman

rule?

- a) **1521 AD**
- b) 1526 AD
- c) 1530 AD
- d) None of these

50. Kamal Attaturk ended the Ottoman Caliphate and deposed Abdul Majid II in-----

- a) 1920
- b) **1922**
- c) 1924
- d) none of these

51. Which Ottoman Ruler took the Abbasid Caliphate to Istanbul?

- a) Sulaiman I
- b) Salim I
- c) Al-Mustansar
- d) None of these

52. The Ottoman Empire lasted for over-----

- a) Five Centuries
- b) **Six Centuries**
- c) Seven Centuries
- d) None of these

53. Spain was invaded in 711 AD by -----:

- a) **Tariq bin Ziyad**
- b) Abd al Rahman I
- c) Khalid bin Walid
- d) none of these

54. The al-Qairawan in North Africa was founded in 670 AD by-----:

- a) Musa bin Nusayr
- b) Suleman I
- c) **Uqbah**

d) none of these

55. The conquests of Hujjaj in the East matched the Western conquests by ----- :

- a) *Musa bin Nusayr*
- b) Tariq bin Ziyad
- c) al-Mutawakkil
- d) none of these

56. Abdul Aziz married Egilona, the widow of king Roderick, and named her -----:

- a) Umm-Asim
- b) Umm-Kulsum
- c) Umm-Hani
- d) none of these

57. The Umayyad Dynasty was put to an end in the year-----:

- a) 661 AD
- b) **750 AD**
- c) 770 AD
- d) None of these

58. The Abbasid Dynasty ruled for just over----- --:

- a) two centuries
- b) three centuries
- c) **five centuries**
- d) none of these

59. Baghdad was put on fire in 1258 AD by ----- ----

- a) The Umayyads
- b) **The Mongols**
- c) The Ottomans
- d) none of these

60. Musa bin Nusayr was the Governor of-----

- a) Egypt
- b) Spain
- c) **North Africa**
- d) none of these

61. The fugitive Umayyad prince reached Spain in the year -----:

- a) **755 AD**
- b) 750 AD
- c) 760 AD
- d) none of these

62. The last Umayyad ruler in 750 AD was-----:

- a) Hisham
- b) **Marwan II**
- c) Yazid III
- d) none of these

63. The name of the French King who attacked Spain in 777 AD was -----:

- a) Roderick
- b) **Charlemagne**
- c) Alfonso
- d) none of these

64. Ibn Khuldun is generally known as a-----

- a) Mathematician
- b) Astronomer
- c) **Historian**
- d) None of these

65. The real founder of Umayyad Dynasty in Spain was-----:

- a) Tariq bin Ziyad
- b) Moosa bin Nysair
- c) **Abdur Rahman I**

d) None of these

66. The Arabs invaded Spain in the year-----

- a) **711 AD**
- b) 750 AD
- c) 756 AD
- d) None of these

67. Which Caliph recalled Musa bin Nusayr to Damascus-----?

- a) **al Walid-I**
- b) Abdul Aziz
- c) Abdul Malik
- d) None of these

68. Who punished Musa bin Nusayr for invading Spain-----?

- a) **Sulaiman**
- b) Abdul Aziz
- c) Amr Thaqafi
- d) None of these

69. After ruling over Spain for one year who refused to give turn to the Yamanites?

- a) Abdur Rahman-II
- b) al-Hakam
- c) Abdur Rahman al-Fehri
- d) None of these

70. The new capital established by Abbasid in 835 AD is called -----

- a) **al-Mansurah** i think
- b) Samarra
- c) Kufa/Basra
- d) none of these

71. Abdur Rahman-II of Spain went out to

receive a minstrel called-----

- a) Khalid
- b) **Ziryab** not sure
- c) Walid
- d) None of these

72. What is the name of book of Allama Iqbal which was translated in Urdu from Persian on its great demand?

Bang -e- Dra

73. Which is a landlocked country? a. Kenya b. Sri lank c. Uganda, Uganda,

74. To which country the father of Obama belongs to? kenya

75. Chile shares longest coastal border with? Pacific (Please verified)

76. Who gave the theory of special relativity? It was introduced by Einstein's in 1905.

77. Who gave the law of heredity? Darwin (Not Verified)

78. Which theory was given by Isaac Newton? law of Motion

79. What is the name of strait between Malaysia and Indonesia?

Straits of Malacca

80. which strait separates Spain and Morocco? Straits of Gibraltar

81. Turnips is a kind of root? blub root (Not verified)

82. What is the meaning of pediatrics? Care of Children

83. In which continent longest river is located? Nile in africa

84. owari pass joins? Dir and Chitral

85. In which country mountain Kilimanjaro is located? Tanzania

86. when was first international flight from Pakistan? 1955

87. WHO and IMF came into being in result of which agreement?

Bretton Woods conference

88. which is the device when pressed keys encode word on screen?

keyboard

89. which company has more cash than USA?  
Apple

90. What is the GDP growth rate of Pakistan?  
4.71%

91. What is the name of parliament of Israel?  
Knesset

93. When did Pakistan won first Olympic medal?

1960 in Hockey

94. Azab name is associated with?

### **Prophet's Sword**

95. Ebola virus First Discover in?

**1976**

96. PTI founded in Lahore on?

**25 April 1996**

97. Imran Khan born on?

**25 Nov 1952**

98. Only Pakistani became chancellor of  
Bradford University?

### **Imran Khan**

**98. Indus journey: A personal view of  
Pakistan, Warrior Race: A journey through  
the land of Tribal Pathans**, are written by:

**imran khan**

99. "Pakistan: A personal History" is the  
autobiography of ?

**Imran khan**

**100. PAT founded in Lahore on ?**

**25may 1989**

\*\*\*\*\*

**GENERAL ABILITY EXAMS MODEL PAPERS FOR  
FPSC/SPSC/BPSC/KPKPSC/PPSC/NTS  
(MODEL PAPER.46)**

**Find the word from the given below options  
the Most similar with the word provided.**

1. Enter  
A) get in B) desert C) abandon D) quit
2. Pleased  
A) sad B) happy C) unhappy D) angry
3. Beautiful  
A) ugly B) sorrowful C) plain D) pretty
4. Little  
A) large B) huge C) small D) big
5. Active  
A) slow B) idle C) poor D) energetic
6. Border  
A) density B) altitude C) edge D) surface
7. End  
A) compare B) start C) finish D) move
8. Old  
A) elderly B) raw C) immature D) young
9. Ask  
A) response B) reply C) question D) call

**Answer.**

**1-A 2-B 3-D 4-C 5-D  
6-C 7-C 8-A 9-C**

**In each of the following questions four words  
are given, of which two words are most nearly  
the same or opposite meaning. Find out the  
two words which are the most nearly or same  
meaning.**

**10. Caress**

- 1) calm
- 2) repulse
- 3) quiet
- 4) scarce

**15. Blemish**

- 1) smirch
- 2) swell
- 3) purity
- 4) delicate

- 3) fondle
- 4) praise

**Answer – 3)**

**Explanation :** Caress and fondle both are the  
synonyms

**11. Consternation**

- 1) repose
  - 2) dismay
  - 3) stimulate
  - 4) incipient
- 12. Contempt**
- 1) disdain
  - 2) aware
  - 3) abysmal
  - 4) appraised

**Answer – 1)**

**Explanation :** Contempt and disdain both are  
the synonyms

**13. Adamant**

- 1) decibel
- 2) scattering
- 3) scudding
- 4) tender

**Answer – 4)**

**Explanation :** Adamant and tender both are the  
antonym

**14. Bustle**

- 1) discord
- 2) stir

**Answer – 3)**

**Explanation :** Blemish and purity both are the  
antonym

**16. Bleak**

- 1) upbraid
- 2) construct
- 3) balmy
- 4) chilly

**17. Adroit**

- 1) stubborn
- 2) inept
- 3) adept
- 4) unison

Answer – 2)

**Explanation :** Adroit and inept both are the antonym

**18. Acrimony**

- 1) want
- 2) sweetness
- 3) enmity
- 4) deficient

Answer – 3)

**Explanation :** Acrimony and enmity both are the synonyms

**19. Accord**

- 1) consonance
- 2) denial
- 3) reluctant
- 4) eliminate

Answer – 1)

**Explanation :** Accord and consonance both are the synonyms

20. A box contains 20 electric bulbs, out of which 4 are defective. Two bulbs are chosen at random from this box. The probability that at least one of these is defective is

**Explanation:**

Please remember that Maximum portability is 1.

So we can get total probability of non defective bulbs and subtract it from 1 to get total probability of defective bulbs.

So here we go,

Total cases of non defective bulbs

$${}^{16}C_2 = 120$$

$$\text{total cases} = {}^{20}C_2 = 190$$

$$\text{probability} = 120/190 = 12/19$$

$$P \text{ of at least one defective} = 1 - 12/19 = 7/19$$

**21. From a pack of 52 cards, 1 card is drawn at random. Find the probability of a face card drawn.**

$$4/13$$

$$1/52$$

$$1/4$$

None of above

**Answer:** Option A

**Explanation:**

Total number of cases = 52

Total face cards = 16 [favourable cases]

$$\text{So probability} = 16/52 = 4/13$$

**22. A card is drawn from a pack of 52 cards. The probability of getting a queen of club or a king of heart is**

$$1/13$$

$$2/13$$

$$1/26$$

$$1/52$$

**Answer:** Option C

**Explanation:**

Total number of cases = 52

Favourable cases = 2

$$\text{Probability} = 2/52 = 1/26$$

**23. Three unbiased coins are tossed, what is the probability of getting at least 2 tails ?**

$$1/3$$

$$1/6$$

$$1/2$$

$$1/8$$

**Answer:** Option C

**Explanation:**

Total cases are =  $2 \times 2 \times 2 = 8$ , which are as follows

[TTT, HHH, TTH, THT, HTT, THH, HTH, HHT]

Favoured cases are = [TTH, THT, HTT, TTT] = 4

$$\text{So required probability} = 4/8 = 1/2$$

**24. Two unbiased coins are tossed. What is probability of getting at most one tail ?**

**Answer:** Option D

**Explanation:**

Total 4 cases = [HH, TT, TH, HT]

Favourable cases = [HH, TH, HT]

Please note we need atmost one tail, not atleast one tail.

$$\text{So probability} = 3/4$$

25. The ninth year of the Hijra is known in Muslim history as the  
a- Year of elephant  
**b- year of deputations**  
c- year of embassies  
d- None of these

26. In 14 Hijri/635 AD laid the foundation of Basra  
*a-Hazrat Umar*  
b- Khalid bin Walid  
c-Uthban bin Ghazwan  
d-None of these

27. Hazrat Usman was assassinated in the month of  
a-Ramzan  
b-rajab  
**c-Zulhija**  
d-None of these

28. Hazrat Khalid bin walid belonged to the tribe of  
a-Hashim  
b-Umayyah  
**c-Makhzum**  
d-None of these

29. The city of FUSTAT was founded by  
**a- Amr bin Al-As**  
b- Hazrat Umar bin Khattab  
c- Hazrat Khalid bin Walid  
d- None of these

30. KHARAJ is  
a-poor tax  
**b-land tax**  
c-poll tax  
d-None of these

31. was the first caliph, who addicated the caliphate  
a-Hazrat Ali  
**b-Hazrat Hassan**  
c-Hazrat Hussain  
d- None of these

32. Hazrat Salman Farsi (RA) was from:  
a: Rome b: Syria c: Yeman **d: Faris**

33. Imam abu Hanifah was a famous:  
**Jurist**

34. The total period of Khalafat -i- Rashidah was:  
**30 yearS**

35. Bait al hikma was established by:  
a: yazid b: al zahir baibers c: mamun rashid **d: none of these**

37. Gibraltar owes its name to:  
a: aghlab b: abd al jabbar **c: tariq b ziyad** d: none of these

38. The barmaki wazirs existed during:  
a: umayyad b: salijqis **c: abbasids** d: ottomans

39. Spain was ruled by --- b/f arab and berber troops conquered it.  
A: byzantines b: franks **c: visigoths** d: none of these

40. In historical refereneces spain is generally refered as part of :  
a: iberian peninsula b: middle east c: north africa  
**d: none of these.**

41. Libya, tunisia and algeria r geographically included in the :  
a: far west b: central africa **c: north africa** d: none of these

42. Cordova is a city in :  
a:iraq b:mauritania **c: spain** d: non e of these

43. Cordova is pronounced in arabic as:  
**a: qurtuba** b : gharnata c: zaghrab d: none of these

44. Ibn khulun wrote a book titled:  
a: al shifa **b: muqaddima** c: al qanun d: none of these

45. Ibn khulun was a :  
a: jurist **b: philosopher of history** c: calligrapher d: noe of these

46. Nizam al mulk worked as wazir during the :  
a" umayyad **b: the early salijqus** c: the late  
ottomans d: none of these

47. The druzi sect of syria and lebanon was born  
during the :  
a: ghazanavis **b: fatimids** c: ayyubids d: n one  
of these.

48. Muwalladan were:  
**a: spanish neo muslims** b: african slaves c: arab  
soliduers d: non e of these

49. The ottman dynasty fell in:  
a: 1802 b: 1924 c: 1912 **d: none of these**

50. Philip k. Hotti wrote a book titled :  
a: clash of civilizations b: the abbasids **c:**  
**history of the arabs**

50. Minsk is the capital of?  
Belarus  
2-baht is the currency of?  
Thailand

51. currency note 1st time used by?  
China

52. earth revolves around the sun from?  
West to east

53. The name of world highest waterfall is?  
Angel

54. Johor strait situated between?  
Malaysia and Singapore

55. Malacca strait situated between?  
Malysia & Indonesia

56. Karakum desert located in?  
Turkmenistan

57. Fleet street is famous for?  
newspapers

58. Sikandry Azam belong to which country?  
Macedonia

59. philately is the science of?  
stamp collection

60. smallest country of the world?  
Vatican

61. how many kg's in one metric ton?  
1000

62. one square foot is equal to?  
144 sq inches

63. hydrometer is used for?  
specific gravity of liquid

64. which vitamin easily prepared in body?  
vitamin D

65. scurvy is due to lack of?  
(vitamin c)

66. which gas is commonly used in balloons?  
helium

67. the most abundant element in earth curst is?  
Oxygen (O)46.6%

68. world oldest parliament is?  
Althing of Iceland

69. seattle is the seaport of?  
USA

70. land of midnight sun is?  
Norway

71. land of free people is?  
Thailand

72. the lowest rainfall area in Pakistan is?  
nokhundi

73. Interfax is the news agency of?  
Russia

74. Heathrow is the seaport of?  
London

75. agro based industry is?  
poultry, fishery, livestock

76. Stonehenge is in?  
England

77. largest producer of uranium is?  
Canada

78. Nikke is the stock exchange of?  
Tokyo

79. Pakistan China signed \_\_\_\_ number of  
MoU. (51)

80. How much investment decided by China in  
MoU in May 2015? (\$46b)

81. Who is Chairman Senate? (Razza Rabbani)

82. Highest waterfall is in \_\_\_\_? (**South**  
**America** , South Africa, Canada)

The tallest waterfall in the world is  
Venezuela(SOUTH AMERICA)'s **Angel Falls**,  
which plunges **3,212 feet (979 meters)**,  
according to the National Geographic Society.

83. Country with most cattle? (**India**, Canada,  
Australia)US India Nuclear deal was signed  
in \_\_\_\_? (on October 4, 2008)

84. Largest Mosque \_\_\_\_? (Istanbul,  
Madina, **Makkah**, Cairo)

85. What amount is reserved for counter  
terrorism force or something (**500 million**,  
550 million)

86. What amount is required to make electricity  
from air in Pakistan? (xx billion dollar)



NOTE:- The **wind** farm is being developed in Jhimpir, by Zorlu **Energy Pakistan** the local subsidiary of a Turkish company. The total **cost** of project is \$136 million

87. HEC should be working towards  
(Innovation, Economic Growth, Social Cohesion, **All of these**)
88. Total number of PUBLIC SECTOR universities in Pakistan \_\_\_\_\_  
(170) Recognized by HEC
89. Density of water is \_\_\_\_\_ ( $1\text{g/cm}^3$ )
90. Life span of Red blood cell? (120 days Approximately)
91. SI Unit of Pressure is \_\_\_\_\_ (Pascal)
92. SI Unit of is Charge \_\_\_\_\_ (Columb)
93. When the temperature of a gas is increased at a constant pressure, its volume increases.  
When the temperature of a gas is decreased at constant pressure, its volume **decreases**.
94. Night Blindness occurs due to deficiency of \_\_\_\_\_ Vitamin. (Vitamin A)

95. Rickets is caused due to deficiency of \_\_\_\_\_ vitamin. (Vitamin D)

96. Volume of air breathed per day (5-10k, 10-15k, **15-20k**, 20-25k liters)

97. Which bone is considered Funny Bone (elbow)

NOTE:- Which one is called as Funny bone :

- A. Radius  
B. Humerus  
C. Patella

**D. Ulnar nerve**

**98.** Who discovered radioactivity? (Bequerel)

**99.** Outermost/Farthest planet in the solar system? (Pluto, **Neptune**, Jupiter, Saturn)

100. Very high frequencies have \_\_\_\_\_ wavelengths. (**shorter**, shortest, longer, longest)

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**GENERAL ABILITY EXAMS MODEL PAPERS FOR  
FPSC/SPSC/BPSC/KPKPSC/PPSC/NTS  
(MODEL PAPER.47)**

1. Noting that “an issue like this has arisen never before”, the Supreme Court on Monday decided to hear arguments for \_\_\_\_\_ to a Constitution Bench a plea challenging the restriction on women aged between 10 and 50 years to enter the \_\_\_\_\_ Sabarimala temple in Kerala.

- 1) causing, obscure
- 2) blocking, noted
- 3) referring, famed
- 4) accusing, famous
- 5) alluding, unknown

Answer – 3)

**Explanation :** referring, famed

2. The water level in the Godavari \_\_\_\_\_ near the danger mark at Bhadrachalam town with all its tributaries in spate in the upper reaches of the river posing flood threat to around 19 villages comprising several riverside \_\_\_\_\_ in Bhadrachalam division.

- 1) hovered, habitations
- 2) slumped, holes
- 3) descended, domiciles
- 4) followed, dwellings
- 5) lifted, cavities

Answer – 1)

**Explanation :** hovered, habitations

3. Tense moments \_\_\_\_\_ at the Government Observation Home for Boys in Kellys on Monday afternoon after over 35 \_\_\_\_\_ escaped from the home reportedly following a clash between two groups of boys.

- 1) failed, tenants
- 2) prevailed, inmates

- 3) collapsed, residents
- 4) busted, occupants
- 5) triumphed, outpatients

Answer – 2)

**Explanation :** prevailed, inmates

4. The Dowleswaram Barrage started receiving heavy \_\_\_\_\_ from Monday evening and irrigation officials announced the first warning around 7 p.m. and said the second warning could be expected tonight if the water level crossed 11.75 ft. at the \_\_\_\_\_.

- 1) outflows, cannonade
- 2) effluences, storm
- 3) confluents, twaddle
- 4) floods, vacate
- 5) inflows, barrage

Answer – 5)

**Explanation :** inflows, barrage

**Cannonade** –Intense and continuous artillery fire.

5. By using computer \_\_\_\_\_ and data collected by the NASA’s Cassini and Huygens mission, researchers have revealed that under Titan-like cold environmental conditions, polyimine is \_\_\_\_\_ and can absorb the sun’s energy and become a possible catalyst for life.

- 1)models, flexible
- 2) modals, tractable
- 3) inferiors, malleable
- 4) forms, brittle
- 5) patterns, inflexible

Answer – 1)

**Explanation :** models, flexible

6. **Entry of mediocre students into Australia is likely to be \_\_\_\_\_ with new norms making educational institutions responsible for the genuineness of their admissions which will be \_\_\_\_\_ in their ratings.**

- 1) unlimited, mirrored
- 2) limited, unreflect
- 3) unrestricted, selected
- 4) restricted, reflected
- 5) allowed, ignored

Answer – 4)

**Explanation :** restricted, reflected

7. **Malappuram's experience of adults and young adults being \_\_\_\_\_ to diphtheria infection has prompted doctors and health workers to undertake an \_\_\_\_\_ vaccination campaign.**

- 1) guarded, exhaustive
- 2) invulnerable, complete
- 3) vulnerable, intensive
- 4) invincible, incomplete
- 5) unguarded, extensive

Answer – 3)

**Explanation :** vulnerable, intensive

8. **Commerce and Industry minister Nirmala Sitharaman held talks with her Russian \_\_\_\_\_ Denis Manturov on measures to boost \_\_\_\_\_ trade and investment ties including in sectors such as high-end engineering.**

- 1) agreement, mutual
- 2) collaborator, biased
- 3) partner, multilateral
- 4) mate, unilateral
- 5) counterpart, bilateral

Answer – 5)

**Explanation :** counterpart, bilateral

9. **Google launched a program on Monday to train two million \_\_\_\_\_ in India on Android, its mobile operating system, in the next three-year period and this is aimed at \_\_\_\_\_ them to make innovative mobile applications on the platform.**

- 1) contractors, crippling
- 2) developers, enabling
- 3) creators, disabling
- 4) maintainers, disallowing
- 5) outliners, allowing

Answer – 2)

**Explanation :** developers, enabling

10. **The court accepted the writ petition filed on behalf of five associated banks of the SBI and \_\_\_\_\_ the unions (SSBEA and AIBE) and its members from going \_\_\_\_\_ with the strike, said State Bank of Travancore in a statement.**

- 1) unrestrained, before
- 2) uncontrolled, next
- 3) controlled, aback
- 4) restrained, ahead
- 5) unchecked, after

Answer – 4)

**Explanation :** restrained, ahead

Restrained – Keep under control; keep in check.

### Sentence correction

11. **Relying solely on the recommendations of ministers, MPs and other political functionaries would not guarantee the best candidate, and given that the appointee **had been paid out of public funds**, the job should be left open to competition, the court said.**

- 1) has been paid out of public funds

- 2) had being paid out of public funds
- 3) was been paid out of public funds
- 4) was being paid out of public funds
- 5) No correction required

Answer – 4)

**Explanation :** was being paid out of public funds

12. By taking advantage of Article 254 (2) of the Constitution, **which allows states to enact laws** on concurrent list subjects that do not conform to Central legislation as long as the president assents to such laws, the state government has seized control and demonstrated how states can take the lead in ensuring that important reform sees the light of day.

- 1) that allow states to enact laws
- 2) which allow states to enact laws
- 3) that allows state to enact laws
- 4) which allows state to enact laws
- 5) No correction required

Answer – 5)

**Explanation :** No correction required

13. A confident India is now ready for practical engagement with Pakistan, **with no great expectations for a near-term** structural change in the bilateral relationship.

- 1) with no great expectations of a near-term
- 2) with great expectation of a near-term
- 3) with no great expectation for a near-term
- 4) with great expectations for a near-term
- 5) No correction required

Answer – 1)

**Explanation :** with no great expectations of a near-term

14. Instead of a vigorous clash of ideas, instead of critique and engagement, **what we were witnessing that was competitive illiberalism**, a refusal to hear the other side, and

a desire to smooth over the real contentions of politics.

- 1) what we were witnessing that is competitive illiberalism
- 2) what we are witnessing that was competitive illiberalism
- 3) what we are witnessing is competitive illiberalism
- 4) what we were witnessing was competitive illiberalism
- 5) No correction required

Answer – 3)

**Explanation :** what we are witnessing is competitive illiberalism

15. All cigarette packets manufactured in these countries **will had to be plain**, standardised in the same drab green colour with the product name on the pack in a standard font.

- 1) shall have to be plain
- 2) will have to be plain
- 3) shall had to be plain
- 4) will has to be plain
- 5) No correction required

Answer – 2)

**Explanation :** will have to be plain

16. The published books are available online, on the Valmeeki Books smart phone/tablet-based application available in Google Play Store at present, from where they can be downloaded and read; **most of them for free and others for a price.**

- 1) most of them for free and others for an price
- 2) many of them for free and other for an price
- 3) most of them for free and other for a price
- 4) many of them for free and others for a price
- 5) No correction required

Answer – 4)

**Explanation :** many of them for free and others for a price

17. Once the ice **is broken with a mention** of Chennai's summer and how he spent the holidays with his kids, Prabhudheva launches into his trademark shy laugh.

- 1) was broken with a mention
- 2) has broken with a mention
- 3) has been broken with a mention
- 4) will be broken with a mention
- 5) No correction required

Answer – 5)

**Explanation :** No correction required

18. Despite tremendous pressure from tobacco companies India stood its ground by introducing pictorial warning covering 85 per cent **of the front and back side of all** tobacco products.

- 1) of the front and back sides of all
- 2) of the front or the back side of all
- 3) of the front and the back side of all
- 4) of the front or back sides of all
- 5) No correction required

Answer – 1)

**Explanation :** of the front and back sides of all

19. This book is full \_\_\_\_\_ pictures.

- A) with B) in C) to D) of

20. Julie is married \_\_\_\_\_ Sam.

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

21. I don't agree \_\_\_\_\_ him.

- A) for B) at C) with D) to

22. He isn't good \_\_\_\_\_ French.

- A) at B) in C) to D) of

23. My brother is interested \_\_\_\_\_ math.

- A) to B) in C) of D) at

24. Look \_\_\_\_\_ those birds!

- A) at B) to C) for D) in

25. Are you afraid \_\_\_\_\_ flying?

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

26. Wait \_\_\_\_\_ me in the street.

- A) to B) for C) at D) in

27. Bill is looking \_\_\_\_\_ his keys but he can't find them.

- A) for B) at C) to D) in

28. Please ask \_\_\_\_\_ help if you want.

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

29. Do you work \_\_\_\_\_ someone special?

- A) at B) for C) of D) in

30. Can I speak \_\_\_\_\_ you for a minute?

- A) with B) of C) at D) for

31. Barbara hopes \_\_\_\_\_ a lawyer.

- A) become B) to become C) of becoming D) becoming

32. I'd love \_\_\_\_\_ with you.

- A) to going B) go C) to go D) going

33. She enjoys \_\_\_\_\_ the news on television.

- A) watching B) to watch C) to watching D) watch

34. I'm looking forward \_\_\_\_\_ more free time.

- A) to having B) to have C) of having D) having

35. Do you want \_\_\_\_\_ it again?

- A) try B) trying C) to trying D) to try

**Answers.**

**19-D 20-C 21-C 22-A 23-B 24-A**

**25-D 26-B 27-A 28-B 29-B 30-A 31-B 32-C**

**33-A 34-A 35-D**

36. Diamond is a part of which noun

- a) proper noun
- b) collective noun
- c) **material noun**
- d) abstract noun

**Fill in the Blanks.**

37. His book ----- next week

- a) **will be published**
- b) will publish

**Use Correct Verb.**

38. Afridi is one of those who do not **submits** to the miseries of life. (submit)

39. One of the players **scored** highest goals in the tournament. (score)

40.. The word round in "He took round in" is----

parts of speech?

a) **Noun** b) adjective c) verb

41. A man bought an article and sold it at a gain of 5%. If he had bought it at 5% less and sold it for Re 1 less, he would have made a profit of 10%. The C.P. of the article was

A. Rs 100

B. Rs 150

C. Rs 200

D. Rs 250

Answer: Option C

**Explanation:**

Let original Cost price is  $x$

Its Selling price =  $105/100 * x = 21x/20$

New Cost price =  $95/100 * x = 19x/20$

New Selling price =  $110/100 * 19x/20 = 209x/200$

$[(21x/20) - (209x/200)] = 1$

$\Rightarrow x = 200$

42. If the cost price of 12 items is equal to the selling price of 16 items, the loss percent is

A. 20%

B. 25%

C. 30%

D. 35%

Answer: Option B

**Explanation:**

Let the Cost Price of 1 item = Re. 1

Cost Price of 16 items = 16

Selling Price of 16 items = 12

Loss =  $16 - 12 = \text{Rs } 4$

Loss % =  $(4/16) * 100 = 25\%$

43. In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit

A. 70%

B. 80%

C. 90%

D. None of above

Answer: Option A

**Explanation:**

Let C.P. = Rs. 100.

Then, Profit = Rs. 320,

S.P. = Rs. 420.

New C.P. = 125% of Rs. 100 = Rs. 125

New S.P. = Rs. 420.

Profit = Rs.  $(420 - 125) = \text{Rs. } 295$

Required percentage =  $(295/420) * 100$   
= 70% (approx)

44. If the cost price of 12 pens is equal to the selling price of 8 pens, the gain percent is ?

A. 12%

B. 30%

C. 50%

D. 60%

Answer: Option C

**Explanation:**

Friends, we know we will need gain amount to get gain percent, right. So let's get gain first.

Let the cost price of 1 pen is Re 1

Cost of 8 pens = Rs 8

Selling price of 8 pens = 12

Gain =  $12 - 8 = 4$

Gain% =  $(\text{Gain}/\text{Cost} * 100)\% = (4/8 * 100)\% = 50\%$

45. A man gains 20% by selling an article for a certain price. If he sells it at double the price, the percentage of profit will be.

- A.130%
- B.140%
- C.150%
- D.160%

Answer: Option B

**Explanation:**

Let the C.P. = x,

Then S.P. =  $(120/100)x = 6x/5$

New S.P. =  $2(6x/5) = 12x/5$

Profit =  $12x/5 - x = 7x/5$

Profit% =  $(\text{Profit}/\text{C.P.}) * 100$

=>  $(7x/5) * (1/x) * 100 = 140 \%$

46. Parliament consists of-----**NA, Senate, President**

47. How many amendments have been made in the constitution -----**22**

48. Who appoints the governors? **President**

49. Senate is presided -----**Chairman Senate**

50. Lower house of the parliament-----**National Assembly**

51. Chief election commissioner office term----**3years**

52. Fundamental Rights Are Enforceable By----- **Both Supreme Court & High Courts**

53. In 1973 Constituent Committee Consists Of Parties-----**All Parties**

54. What Age Of Child Not Allowed For Labour-----**14 Years**

55. National Reconciliation Order Enacted In The Year-----**2007**

56. Census Is Made After-----**Once In A Decade**

57. Most Speaking Language In Pakistan----**Punjabi**

58. Pak Afghan Relation Severed -----**After Every 10 Years**

59. Faiz Ahmed Faiz Is-----**A Poet**

60. What Is Sahiwal-----**A Division & District Of Punjab**

61. Largest Coastal Line Of Province-----**Baluchistan**

62. In Which Area Sui Gas Was Discovered First Time-----**Sibbi, Sui, 1952**

63. Another Name Of Hatf III Missile-----**Gazdnavi**

64. IAEA Headquarter-----**VIENNA**

65. ILO Headquarter-----**Geneva, Switzerland**

66. Egypt In Which Continent-----**Africa**

67. Al-Azhar University In Which Country-----**Egypt**

68. Third World Countries Are-----

**Backward Countries**

69. Who Was The Discoverer Of Radioactivity Along With Marie Curie And Pierre Curie, For Which All Three Won The 1903 Nobel Prize In Physics?

**Antoine Henri Becquerel From France**

70. Who Is Current Secretary General Of UN-----**Ban Ki Moon**

71. Alumni Means-----Old Student

72. NPT Stands For-----Non Proliferation Treaty

73. RAM Stands For-----Random Access Memory

74. Computers Main Part----CPU

75. Profane Means

A) **Unholy** B) Holy C) Lovely D) Ugly

76. Gorgeous Means

A) **Glorious** B) Splendor C) Worthy D) Costly

77. Theist Means

a) **Believer** b) Sectarian c) Scholar d) Worship

78. I am ignorant\_\_\_\_\_ your faults.

a) **of** b) in c) to d) on

79. I prefer milk \_\_\_\_\_ tea.

a) **to** b) from c) for d) with

80. He is famous \_\_\_\_\_ his honesty.

a) **for** b) in c) of d) to

81. I am keen \_\_\_\_\_ fashion.

a) **to** b) for c) in d) to

82. Believe \_\_\_\_\_ Allah.

a) **in** b) on c) at d) to

83. What is time \_\_\_\_\_ your watch.

a) **by** b) in c) to d) on

84. I shall back \_\_\_\_\_ you every time.

a) **up** b) to c) of d) down

85. Lend a hand means.

a) **to help** b) to lend money c) to talk d) to bring

86. Null and void means.

a) **void by law** b) valid by law c) false d) True

87. Ins and outs means.

a) **explanation** b) Expression c) impression d) Vision

88. Turn \_\_\_\_\_ the left.

a) **to** b) on c) to d) with

89. He is lame \_\_\_\_\_ one leg.

a) **of** b) with c) in d) to

90. He is kind \_\_\_\_\_ me.

a) **to** b) on c) of d) for

91. I am sure \_\_\_\_\_ my success.

a) **of** b) on c) in d) to

92. I am fond \_\_\_\_\_ football.

a) **Of** b) in c) for d) at

93. Give \_\_\_\_\_ smoking.

a) **up** b) to c) in d) for

94. Abu Ubaidah bin Jarrah was the

conqueror of \_\_\_\_\_ Egypt

(a) **Yarmuk** (b) Iran c) Iraq (d) None of these.

95. The first mosque built for Muslims was:

(a) **Quba Mosque** (b) Bait-ul-Maqdas (c) Nabvi Mosque (d) None of these

96. Musailma Kazzab was killed by:

(a) **Khalid bin Walid** (b) Wahshi (c) Hazrat Abbas (d) None of these

97. At Qadsia \_\_\_\_\_ commanded the Muslim army.

(a) **Saad bin Abi Waqas** (b) Khalid bin Waleed (c) Ikrama (d) None of these

98. Spain was conquered by:

(a) **Tariq bin Ziyad** (b) Mohmud Ghaznawi (c) Musa bin Nusair (d) None of these

99. Which is the 3rd Sura in Al-Quran?

(a) **Aal-e-Imran** (b) Al-Maida (c) An\_Nisa (d) None of these

100. Khilafat-e-Rashida lasted for about:

(a) 60 years (b) **30 years** (c) 80 years (d) None of these



**GENERAL ABILITY EXAMS MODEL PAPERS FOR  
FPSC/SPSC/BPSC/KPKPSC/PPSC/NTS  
(MODEL PAPER.48)**

- 1 Baghdad was founded by:  
(a) Harun (b) **Mansur** (c) Mamun (d)  
None of these
- 2 Under which Caliph, Sindh was invaded  
by Muhammad bin Qasim in 711 AD?  
a) Muawiyah b) **Al-Walid I** c) Abdul  
Malik d) None of these
- 3 He was the Governor – General of Indo-  
Pakistan before Mountbatten:  
a) Lord Cruzan b) **Lord Wavel** c) Lord  
Minto d) Redclif
- 4 Election to the First Constituent  
Assembly of Pakistan took place in:  
a) 1947 b) **1946** c) 1954 d) 1971
- 5 First census of Pakistan was held in  
a) 1950 b) **1951** c) 1954 d) 1955
- 6 State Bank of Pakistan was inaugurated  
by Quaid in.  
a) June 1948 b) **July 1948** c) July  
1948 d) Dec 1948
- 7 “The Myth of Independence” was  
written by  
a) I.H Qurashi b) **Z.A. Bhutto** c) Ayub  
Khsn d) G.W Chudhary
- 8 Liaquat Nehru Pact announced at Delhi  
in.  
a) April 1951 b) **April 1950** c) April  
1952 d) April 1953
- 9 Ghulam Muhammad dissolve the  
Constituent assembly on:  
a) 26th October, 1954 b) **24th October,**  
**1954** c) 28th October, 1954 d) 27th  
October, 1954
- 10 Simla Deputation was led by  
a) Liaquat Ali b) **Sir Agha Khan** c) Ch.  
Rehmat Ali d) Waqarul Mulk
- 11 Separate electorate was awarded to  
Muslims in  
a) 1916 b) **1909** c) 1919 d) 1932
- 12 “Comarade” was started by  
a) Allama Iqbal b) **Moulana  
Muhammad Ali** c) Zafar Ali Khan d)  
Sir.Syed Ali Khan
- 14 “Zamindar” was brought about by  
a) Iqbal b) **Zafar Ali Khan** c) Moulana  
Johar d) Ch.Rehamat Ali
- 15 Moplah rising in Malabar took place in  
a) 1926 b) **1921** c) 1922 d) 1923
- 16 Chauri Chaura incident took place in  
a) 1919 b) **1922** c) 1920 d) 1921
- 17 Simon Commission was sent to India in  
a) 1929 b) **1927** c) 1928 d) 1930
- 18 Dyarchy was scrapped in  
a) 1916 b) **1919** c) 1912 d) 1920
- 19 The Peking news was the first  
newspaper of the world.

- a) Myanmar b) **china** c) Japan d) S.Korea
- 20 "Plague" is a disease, which spreads by.  
a) Rabbit b) **Rat** c) Cat d) Dog
- 21 Where is Kallar Kahar situated?  
a) Rwalpindi b) **Chakwal** c) Jehlum d) Dina
- 22 Rohtas Fort" was constructed on the bank river of Jhelum by (on Sher Shah's order).  
a) Asfhani b) **Todar Mal** c) Miam Mir d) Abu Al Fazal
- 23 The capital of Argentina is.  
a) Khelat b) **Buenos Aires** c) Peraug d) Sydney
- 24 "ANTARA" is the news agency of.  
a) Sri Linka b) Russia c) **Indonesia** d) Malysia
- 25 The river Danube rises in which country?  
a) France b) Denmark c) **Germany** d) U.K
- 26 "Silk Air" is an airline of.  
a) Germany b) Switzerland c) **Singapore** d) Vietnam
- 27 Of where is Amman the capital?  
a) Oman b) Qatar c) **Jordan** d) Lebanon
- 28 Apiphobia is a fear of what?  
a) Darkness b) Height c) **Bees** d) Birds
- 29 What is the national airline of Russia?  
a) Lufthansa b) Silk Air c) **Aeroflot** d) Attartas
- 30 What was the former name for Sri Lanka?
- a) Sri Bhagwan Pora b) Lanka  
c) **Ceylon** d) Adamia
- 31 Of where is Sofia the capital?  
a) Azerbaijan b) Seyria  
c) **Bulgaria** d) Oman
- 32 Great victoria desert is present in  
a) Uganda b) Mangolia c) **Australia** d) China
- 33 Shahnama was written by:  
a) Zafar Ali Khan b) Abu Al Kalam Azad c) **Firdausi** d) Hafeez Jalandhri
- 34 "Paradise Regained and Paradise Last" written by  
a) Jan Austen b) Tolstoy c) **John Milton** d) Wolpert
- 35 The country known as the Land of White Elephant is  
a) Nepal b) Bangladesh c) **Thailand** d) Sri Lanka
- 36 FORMOSA is the old name of.  
a) Leobnan b) Japan c) **Taiwan** d) Vietnam
- 37 The coldest planet is  
a) Earth b) Venus c) **Neptune** d) Pluto
- 38 Unit of work in SI units is  
a) Watt b) Mole c) **Joule** d) Newton
- 39 'Broadway Street' is famous for  
a) Newspaper b) Banking c) **Cinema Halls** d) Stock Exchange
- 40 Eagle is the national emblem of  
a) Turkey b) France c) **Spain** d) Germany

- 41 Hygrometer is used to measure:  
67. a) Pressure b) Water c) **humidity** d) Air
- 42 The writer of The Spirit of Islam is  
a) Molana Muhammad Ali Johar b) Allama Iqbal c) **Amir Ali** d) Sir. Syed Ali Khan
- 43 Who wrote India wins Freedom?  
a) G.W Chudhary b) Stonly Wolpert c) **Maulana Abu'al Kalam Azad** d) Amir Ali
- 44 War and Peace book is written by  
a) Wolpert b) Richerd Nixon c) **Leo Tolstoy** d) Jan Austen
- 45 Pakistan's second Governor General and 2nd Prime Minister was?  
a) Feroz Khan Noon b) Sikandar Mirza c) **Khawaja Nazimuddin** d) Chudhary Muhammad Ali
- 46 Syed Ameer Ali founded Muslim League's branch at London in.  
a) 1905 b) 1907 c) **1908** d) 1909
- 47 Hottest place is Aziziyah in,  
a) Mangolia b) Iran c) **Libya** d) Egypt
- 48 National emblem of Pakistan is.  
a) Horse b) Star c) Eagle d) **Crescent**
- 49 Length of Indus River is  
a) 2400 km b) 2700 km c) 2800 km d) **2900 km**
- 50 Saiful Maluk is near  
a) Chitral b) Gilgat c) Kaghan d) **Naran**
- 51 Qutab Minar is in  
a) Lahore b) Lakhnao c) Aagra d) **Delhi**
- 52 'City of flowers' is called  
a) Muree b) Lahore c) Quetta d) **Peshawar**
- 53 Johor strait separates Malaysia from.  
a) Sri Lanka b) Nepal c) India d) **Singapore**
- 54 Malacca (Indonesia) strait separates Sumatra from Malay Peninsula. It is \_\_\_\_\_ strait in the world.  
a) Tallest b) Smallest c) Largest d) **longest**
- 55 First battle of Panipat was fought b/w \_\_\_\_\_ and Babur in 1526.  
a) Sher Shah Sori b) Ghiaasu Din Tughlaq c) Behlol Lodhi d) **Ibrahim Lodhi**
- 56 \_\_\_\_\_ links Pacific Ocean with Atlantic Ocean.  
a) Lyloyed Canal b) Goti Canal c) **Suez Canal** d) Panama Canal
- 57 Taklimankan is desert in.  
a) Afghanistan b) Iraq c) Iran d) **China**
58. \_\_\_\_\_ makes visiting him very difficult.  
A) The fact that he is very busy  
B) The reason why he is very busy  
C) What I know is that he is very busy  
D) It is a fact that he is very busy
59. \_\_\_\_\_ was clear from his letter.  
A) He was angry  
B) He resented being treated rudely  
C) That he was not interested

- D) What I knew
60. The fact that the experts say stagnation will continue for some time \_\_\_\_\_.  
A) industry will suffer a lot  
B) we should be prepared for higher inflation  
C) is annoying  
D) we cannot avoid it
61. If grades are going to be given to students for their reports, it is suggested that these \_\_\_\_\_ for expression and use of language.  
A) given B) to be given C) are given D) be given
62. \_\_\_\_\_ best is riding horses.  
A) She likes B) That she likes  
C) What she liked D) What she likes
63. We had hoped \_\_\_\_\_ the game, but other team played very well.  
A) the National Team to win  
B) that the National Team win  
C) that the National Team would win  
D) the National Team's winning
64. It is important that he \_\_\_\_\_ his reservations by Saturday.  
A) will confirm B) confirm C) confirms D) must confirm
65. He asked me if I had ever played the piano. He asked me, "\_\_\_\_\_?"  
A) Do you ever play the piano  
B) Did you ever play the piano  
C) Have I ever played the piano  
D) Have you ever played the piano
66. The doctor asked the patient if she had had a heart attack before.  
The doctor asked the patient, "\_\_\_\_\_ a heart attack before?"  
A) Has she had B) Have you had  
C) Did she have D) Did you have
67. It is urgent that he \_\_\_\_\_ on time.

- A) arrived B) will arrive C) would arrive D) arrive
68. It is important that you \_\_\_\_\_ honest.  
A) will be B) be C) were D) to be
69. The doctor recommended that I \_\_\_\_\_ weight.  
A) should lose B) would lose C) must lose D) will lose
70. Julia must understand the question. It is necessary.  
It is necessary that Julia \_\_\_\_\_ the question.  
A) understood B) understands  
C) must understand D) should understand
71. Bill must talk to the teacher. It is urgent. It is urgent that Bill \_\_\_\_\_ to the teacher.  
A) must talk B) talk C) talks D) has talked  
B)
72. \_\_\_\_\_ because he got bored so easily.  
A) Why he left early B) Why he was embarrassed  
C) Why did he get angry D) Why he acted as he did was
73. I can't imagine \_\_\_\_\_.  
A) why did he recommend him  
B) who recommended him for training  
C) when will he recommend me  
D) how will he recommend him
74. What would have suited him better \_\_\_\_\_.  
A) would be to be a politician  
B) to give up smoking  
C) he shouldn't have married her  
D) than his father's job
75. I suggested that she \_\_\_\_\_ a doctor.  
A) will see B) would see C) must see D) see
76. I don't know \_\_\_\_\_.

- A) they were thinking about
- B) that they were thinking about
- C) what do they think about
- D) what they were thinking about

A.50

B.55

77. I insisted that he \_\_\_\_\_ me the money.

C.60

- A) was paid B) be paid C) pay D) will pay

D.65

78. It is not probable that \_\_\_\_\_ in the next ten years.

Answer: Option C

- A) the world's population stopped
- B) man must discover a cure for cancer
- C) computers must become more important
- D) air pollution will decrease

**Explanation:**

Total weight increased is  $1.5 * 10 = 15$ .

So weight of new person is  $45 + 15 = 60$

**Answer.**

58-A 59-C 60-C 61-D 62-D 63-C 64-B  
65-D 66-C 67-D 68-B 69-A 70-D 71-B 72-D  
73-B 74-A 75-D 76-D 77-C 78-D

**81.** Average of five numbers is 27. If one number is excluded the average becomes 25. The excluded number is

79. A batsman makes a score of 87 runs in the 17th match and thus increases his average by 3. Find his average after 17th match

A.35

B.45

C.55

D.65

A.36

B.37

C.38

D.39

**Answer: Option A**

**Explanation:**

Number is  $(5 * 27) - (4 * 25) = 135 - 100 = 35$

Answer: Option D

**Explanation:**

Let the average after 17th match is x

Then the average before 17th match is  $x - 3$

so  $16(x - 3) + 87 = 17x$

$\Rightarrow x = 87 - 48 = 39$

**82.** The average score of a cricketer for ten matches is 38.9 runs. If the average for first six matches is 42, then average for last four matches is

A.33.25

B.32.25

C.34.25

D.34.50

80. Average weight of 10 people increased by 1.5 kg when one person of 45 kg is replaced by a new man. Then weight of the new man is

Answer: Option C

**Explanation:**

$$= \{(38.9 \times 10) - (42 \times 6)\} / 4$$

$$= (1216 - 750) / 4 = 34.25$$

**83.** Product of two natural numbers is 17.  
Then, the sum of reciprocals of their squares is

A. 290/289

B. 1/289

C. 290/90

D. 290/19

Answer: Option A

**Explanation:**

If the numbers are a, b, then  $ab = 17$ ,

as 17 is a prime number, so  $a = 1$ ,  $b = 17$ .

$$1/a^2 + 1/b^2 = 1/1^2 + 1/17^2$$

$$= 290/289$$

**84.** The science related with the study of living—

(a) Physics

(b) Chemistry

**(c) Biology**

(d) Mathematics

**85.** Phycology is the branch of botany in which we study about—

**(a) Algae**

(b) Fungi

(c) Ecology

(d) Virus

**86.** Oath taken by medical graduates is given by—

(a) Aristotle

(b) Theophrastus

**(c) Hippocrates**

(d) Darwin

**87.** Branch of biology in which we study about relationship between living and their environment.

(a) Physiology

(b) Genetics

**(c) Ecology**

(d) Geology

**88.** Branch of biology in which we study about cultivation of flowering plant—

(a) Phenology

**(b) Floriculture**

(c) Agronomy

(d) Botany

**89.** Study of flower is called—

**(a) Anthology**

(b) Agrostology

(c) Phenology

(d) Polynology

**90.** Palaeobotany is the branch of botany in which we study about—

(a) Animal fossils

**(b) Plant fossils**

(c) Seed of plant

(d) Flower

**91.** Mycology is the branch of botany in which we study about—

(a) Algae

**(b) Fungi**

(c) Bacteria

(d) Virus

**92.** Branch of agriculture concerned with the production of crops—

(a) Agrotology

**(b) Agronomy**

(c) Agrostology

(d) Anthropology

c. 981

93. Silviculture is the branch of botany in which we study about—

(a) Culture of algae

**(b) Development of forest**

(c) Culture of fungi

(d) Silciphida plant

94. Light year is related to

c. Distance

95. Which of the following instruments is used to measure pressure of gases?

b. Manometer

96. Joule is the unit of

b. Energy

97. How many Dynes are there in one gram weight?

8. How many Ergs are there in 1 Joule?

d. 107

98. Note:- **There** are 10 million (10000000) **ergs** in **1 joule**

9. The unit of current is

c. Ampere

99. The unit of energy in MKS(Meter, Kilogram, Second) system is

d. Joule

100. The intensity of an earthquake is measured with a

d. Seismograph

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**GENERAL ABILITY EXAMS MODEL PAPERS FOR  
FPSC/SPSC/BPSC/KPKPSC/PPSC/NTS  
(MODEL PAPER.49)**

**Find the antonym of the following words written in capitals:**

1. He was an HONEST man.  
A) liar B) good C) bad  
D) truthful E) wonderful
2. The climate of Great Britain is MILD.  
A) difficult B) strong C) severe  
D) bad E) good
3. She was afraid to walk FARTHER as she knew her life was in danger.  
A) mother B) out near C) near  
D) nearer E) away
4. If you know one FOREIGN language it will be easier for you to learn the second one.  
A) local B) modern C) popular  
D) old E) native
5. Tom's father was a CRUEL man.  
A) honest B) kind C) funny  
D) serious E) light
6. It seemed to her that he was very DECENT.  
A) dishonest B) be tired of C) fat  
D) handsome E) unhealthy
7. I opened the door and saw a DECEASED man.  
A) weak B) sick C) invisible  
D) new born E) old
8. Tom is very LAZY. He doesn't like to do anything.  
A) modest B) modern C) clever  
D) energetic E) nervous
9. My sister is very SERIOUS.  
A) energetic B) polite C) kind  
D) intelligent E) light-minded
10. Mr. Brown decided TO PROTECT that young man.  
A) to help B) to accuse C) to care  
D) to shout E) to criticize
11. He lives A LONG WAY FROM his school.  
A) far B) near C) late  
D) behind E) in front of
12. Such trees grow only in the countries the climate of which is hot

and DAMP.

- A) cold B) cool C) dry  
D) sunny E) windy
13. The boy was PUNISHED and he couldn't go to play with his friends.  
A) encouraged B) beaten C) defended  
D) invited E) overcome
14. In the 18th century England SEIZED many colonies in the old and new word.  
A) captured B) freed C) occupied  
D) lost E) gained
15. Father said that he could STAY AT home and work in the garden.  
A) leave B) live C) be  
D) leave for E) go into
16. At present all kinds of specialists need FOREIGN languages for their work.  
A) old B) different C) native  
D) several E) many
17. I wish you PROSPERITY.  
A) success B) good luck C) happiness  
D) poverty E) riches
18. She was quite ALONE among them.  
A) single B) only C) adapted  
D) distant E) separate
19. The FOREIGNERS were very amused when they saw this palace.  
A) guests B) farmers C) natives  
D) neighbors E) reporters
20. Emily was in BAD temper.  
A) large B) great C) excellent  
D) narrow E) miserable

**Answers.**

1-A 2-C 3-D 4-E 5-B 6-A 7-D 8-D
9-E 10-B 11-B 12-C 13-A 14-B 15-A 16-C
17-D 18-C 19-C 20-C

21. Who is called "Umm-ul-Miskeen"?  
**Hazrat Zainab**
22. In believer of mother, who is called



“Tahirah”? **Hazrat Khadija (R.A)**

23. Who was called Sword of Allah? **Hazrat khalid bin waleed**

24. Who built the Kaaba for the first time?

**Hazrat Ibrahim (A.S)**

25. How old was Muhammad (p.b.u.h.) when his mother died? **6 Years**

26. What is the name of the first mosque of Islam? **Masjid-e-Quba**

27. Which is the first Surah of Quran?

**Surah Fatiha**

28. Total number of Chapters and verses in Quran? **30 chapters, 6666**

29. How many Makki Surahs are there in Qur'an? **86**

30. How many sons Hazrat Yaqoob (A.S) had other than Hazrat Yousaf (A.S)? **11**

31. Which important event mentioned in the Quran occurred one year before Hijrah in Makah? (Miraj)

32. How many prophets is mention in Holy Quran? (**26**)

33. Name of the sixth kalimah? (**Raddi Kufar**)

34. Who was the commander of the infidels in Battle of Uhd? (**Abu Sufyan**)

35. GDP mean **Gross Domestic Product**

36. The Taj Mahal in India, was built by Mughal emperor \_\_\_\_\_.

- a) Aurangzaib
- b) Shah Jahan
- c) **Akbar**
- d) Humayun

37. The Sino-Indian War between China and India was occurred in \_\_\_\_\_.

- a) 1956
- b) 1959
- c) **1962**
- d) 1965

38. The first human who traveled into space was \_\_\_\_\_.

- a) Neil Armstrong
- b) **Yuri Gagarin**
- c) Sergei Korolev
- d) John Glenn

39. Which country is the world's top supplier of weapons?

- a) **America**
- b) Russia
- c) Israel
- d) Germany

40. Which from the following countries is NOT the member of BRIC?

- a) **America**
- b) Russia
- c) China
- d) India

41. The President of India is \_\_\_\_\_.

- a) Sonia Gandhi
- b) Dr. Abdul Kalam
- c) **Chidambaram**
- d) Pranab Mukherjee

42. The headquarter of Human Rights Watch is located in \_\_\_\_\_.

- a) Washington
- b) **New York**
- c) Berlin
- d) Brussels

43. North Atlantic Treaty, that formed NATO, was signed in \_\_\_\_\_.

- a) **1949**
- b) 1955
- c) 1961
- d) 1967

44. World War II began by German invasion on \_\_\_\_\_.

- a) Russia
- b) France
- c) United Kingdom
- d) **Poland**

45. \_\_\_\_\_ has the world's largest natural gas reserves.

- a) Saudi Arabia
- b) Iran
- c) **Russia**
- d) Canada

46. Typhoid and cholera are typical examples of  
A. Infectious diseases

- B. Air-borne disease  
**C. Water-borne disease**  
 D. None of these
47. Pyorrhea is a disease of the  
 A. Nose  
**B. Gums**  
 C. Heart  
 D. Lungs
48. Lack of what causes diabetes.  
 A. Sugar  
**B. Insulin**  
 C. Calcium  
 D. Vitamins
49. Appendix is a part of  
 A. Small intestine  
**B. Large intestine**  
 C. Stomach  
 D. Liver
50. Match the following columns  
 Column I Column II  
 A. Cataract 1. Bones  
 B. Jaundice 2. Eyes  
 C. Diabetes 3. Liver  
 D. Arthritis 4. Pancreas  
 A B C D  
**(a) 2 3 4 1**  
 (b) 2 3 1 4  
 (c) 1 3 4 2  
 (d) 3 2 4 1
51. Bronchitis is a disease of which of the following organs?  
 A. Blood  
 B. Bladder  
 C. Liver  
**Respiratory tract**
52. ECG is used for the diagnosis of ailments of  
 A. Brain  
**B. Heart**  
 C. Kidneys  
 D. Lungs
53. Biopsy is done on  
 A. Tissues taken from a dead body  
**B. Tissues taken from a living body**  
 C. Blood from veins  
 D. Blood from arteries
54. If the cost price is 25% of selling price. Then what is the profit percent.
- A. 150%  
 B. 200%

- C. 300%  
 D. 350%

**Answer: Option C**

Explanation:

Let the S.P = 100  
 then C.P. = 25

Profit = 75

Profit% =  $75/25 \times 100 = 300$

55. The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, find out the value of x

- A. 13  
 B. 14  
 C. 15  
 D. 16

**Answer: Option D**

Explanation:

Let the Cost Price of one article = Rs. 1

CP of x articles = Rs. x

CP of 20 articles = 20

Selling price of x articles = 20

Profit = 25% [Given]

$\Rightarrow (SP - CP)/CP = 25/100 = 1/4 \Rightarrow (20 - x)/x = 1/4 \Rightarrow 80 - 4x = x \Rightarrow 5x = 80 \Rightarrow x = 80/5 = 16$

56. Akhil purchased 70kg vegetable at Rs. 420, then sold them at the rate of Rs. 6.50 per kg, find the profit percent.

- A.  
 8  $1/3$  %  
 B.  
 7  $1/3$  %  
 C.  
 6  $1/3$  %  
 D.  
 5  $1/3$  %

**Answer: Option A**

Explanation:

Please note in this type of questions, get the value of 1 kg to solve this question, let's solve it.

$$\text{C.P. of 1 Kg} = 420/70 = \text{Rs. } 6$$

$$\text{Selling Price} = 6.50$$

$$\text{Gain} = \text{Rs. } 0.50$$

$$\text{Gain\%} = .50/6 * 100 = 8 \frac{1}{3} \%$$

57. 100 oranges are bought at the rate of Rs. 350 and sold at the rate of 48 per dozen. The percentage of profit is

A.  
12  $\frac{2}{7}$  %

B.  
13  $\frac{2}{7}$  %

C.  
14  $\frac{2}{7}$  %

D.  
15  $\frac{2}{7}$  %

**Answer: Option C**

Explanation:

So before solving this question we will get the C.P. and S.P. of 1 article to get the gain percent.

$$\text{C.P. of 1 orange} = 350/100 = \text{Rs } 3.50$$

$$\text{S.P. of one orange} = 48/12 = \text{Rs } 4 \text{ [note: divided by 12 as 1 dozen contains 12 items]}$$

$$\text{Gain} = 4 - 3.50 = \text{Rs } 0.50$$

$$\text{Gain \%} = (0.50/3.50) * 100 = 100/7 \% = 14 \frac{2}{7} \%$$

58. A dog takes 3 leaps for every 5 leaps of a hare. If one leap of the dog is equal to 3 leaps of the hare, the ratio of the speed of the dog to that of the hare is

- 4:5
- 9:5
- 8:5
- 9:2

**Answer: Option B**

Explanation:

$$\begin{aligned} \text{Dog : Hare} &= (3*3) \text{ leaps of hare : } 5 \text{ leaps of hare} \\ &= 9 : 5 \end{aligned}$$

59. How many Asma-Al-Husna in last two verse of sura " Al-Hashe"? (10)

60. 38. Ayat of Quran confirm the Islam Religion is a complete religion? (Surah Nahal)

61. Important event occur in 2 hjiri in Ramadan? Ghazwa Badar

62. Where is kalabagh dam? on the Indus River at Kalabagh in Mianwali District

63. Profession of fatimah jinha? Dentist

64. When did join Quaid e Azam Muslim League.? 1913

65. A man can row three quarter of a km against the stream in  $1\frac{1}{4}$  min and down the stream in  $7\frac{1}{2}$  min. what is the speed of man in still water.

Solution:

$$\text{Speed of man in Upstream} =$$

$$((\frac{3}{4})/(\frac{45}{4})) * 60$$

$$= 4 \text{ kmph}$$

$$\text{Speed of man in Downstream} =$$

$$((\frac{3}{4})/(\frac{15}{4})) * 60$$

$$= 12 \text{ kmph}$$

$$\text{Speed of man in still water } u = \frac{1}{2}(a + b)$$

$$\text{Speed of man in still water} = (12 + 4) * \frac{1}{2} = 8 \text{ kmph}$$

66. A streamer takes 3hr to cover a distance of 24km upstream, if the rate of stream is 3 kmph. Then find the speed of streamer in still water.

Solution:

$$\text{Upstream speed} = 24/3 = 8 \text{ kmph}$$

$$\text{Rate of stream} = 3 \text{ kmph}$$

$$\text{Speed of streamer} - \text{rate of stream} = \text{upstream}$$

$$\text{Speed of streamer} = 11 \text{ kmph}$$

67. The distance between two points is 36km. A boat rows in still water at 6kmph, it takes 8hr less to cover dist in downstream in comparison to that in upstream. Find the rate of stream.

Solution:

$$\text{Time} = \text{distance} * \text{speed}$$

$$\text{Difference between time taken to cover upstream and downstream is 8hr}$$

$$(36/(6-x)) - (36/(6+x)) = 8$$

$$36(6+x) - 36(6-x) = 8(36-x^2)$$

$$9x = 36 - x^2$$

$x^2 + 9x - 36 = 0$  (to find value of  $x$  use quadratic equation technique)  
 $(x+12)(x-3)=0$   
 Speed cannot be negative so  $x = 3\text{kmph}$   
 Rate of stream =  $3\text{kmph}$

68. Shan borrowed a sum of Rs.30,000. He took a part of it at 12% per annum rate of simple interest and the remaining at 10% per annum. At the end of two years, he returned Rs.36,480 and discharge his loan. What was the sum borrowed at 12% per annum rate of interest?

**Solution:**

Consider one part of money as  $x$

$$\begin{aligned} ((x \cdot 12 \cdot 2)/100) + (((30000 - x) \cdot 10 \cdot 2)/100) &= 6480 \\ (4x/100) &= 6480 - 6000 \\ x &= 12000 \end{aligned}$$

69. An alloy used in making heating elements for electric heating devices is—  
 (A) Solder (B) Alloysteel  
 (C) Nichrome (D) German Silver  
 (Ans : C)
70. German Silver is an alloy of—  
 (A) Copper, Silver and Nickel (B) Silver, Copper and Aluminium  
 (C) Zinc, Copper and Nickel (D) Silver, Zinc and Nickel (Ans : C)
71. Air is a/an—  
 (A) Compound (B) Element  
 (C) Mixture (D) Electrolyte (Ans : C)
72. Which of the following substance is a bad conductor of electricity but a good conductor of heat?  
 (A) Asbestos (B) Celluloid  
 (C) Pusspecks (D) Mica (Ans : D)
73. Carborandum is—  
 (A) Silicon Dioxide (B) Silicon Carbide  
 (C) Silicon Nitride (D) Silicon Phosphide (Ans : B)
- 74.

75. Which of the following is the best conductor of electricity ?  
 (A) Copper (B) Mica  
 (C) Zinc (D) Silver (Ans : D)
76. Soda water contains—  
 (A) Nitrous acid (B) Carbonic acid  
 (C) Carbon dioxide (D) Sulphuric acid  
 (Ans : C)
77. Which of the following is basis of the modern periodic table ?  
 (A) Atomic mass (B) Atomic number  
 (C) Atomic size (D) Atomic volume  
 (Ans : B)
78. Of the following metals, which one pollutes the air of a big city ?  
 (A) Copper (B) Cadmium  
 (C) Lead (D) Chromium (Ans : C)
79. Bell Metal is an alloy of—  
 (A) Brass and Nickel (B) Zinc and Copper  
 (C) Tin and Copper (D) Nickel and Copper (Ans : C)
80. The high temperature superconductors are—  
 (A) Metal alloys (B) Ceramic oxides  
 (C) Inorganic polymers (D) Pure rare earth metals (Ans : B)
81. The ingredients of Gun metal are—  
 (A) Iron, tin (B) Copper, tin  
 (C) Iron, brass, tin (D) Iron, zinc, titanium (Ans : B)
82. The neutral atom's two isotopes differ in the number of—  
 (A) Electron shells (B) Protons  
 (C) Valence electrons (D) Neutrons  
 (Ans : D)
83. Optical fibres are mainly used in—  
 (A) Communication (B) Weaving  
 (C) Musical Instruments (D) Food Industry (Ans : A)
84. The first synthetic fibre made by man was—  
 (A) Rayon (B) Nylon  
 (C) Polyester (D) Terycott (Ans : B)

85. Polythene is industrially prepared by the polymerization of—  
(A) Methane (B) Styrene  
(C) Acetylene (D) Ethylene (Ans : D)
86. A mixture of water and alcohol can be separated by—  
(A) Filtration (B) Evaporation  
(C) Distillation (D) Decantation (Ans : C)
87. A substance which changes readily into vapour without heating is called—  
(A) Efflorescent (B) Synthetic  
(C) Volatile (D) Effervescent (Ans : C)
88. German biochemist, Emil Fischer—  
(A) Gave Operon model (B) compared the fit between enzyme substrate to lock and key  
(C) proposed the theory of competitive inhibition (D) proposed the feed back inhibition theory (Ans : B)
89. Enzymes generally have—  
(A) same pH and temperature optima  
(B) same pH but different temperature optima (C) Different pH but same temperature optima  
(D) different pH and temperature optima (Ans : C)
90. Coenzyme is—  
(A) always protein (B) often metal  
(C) always inorganic compound (D) often a vitamin (Ans : D)
91. Cholesterol is one kind of—  
(A) Saturated fatty acid (B) unsaturated fatty acid  
(C) Steroid (D) Diglyceride (Ans : A)
92. Ethyl-alcohol is mixed completely with water. How ethyl alcohol is separated from the mixture ?  
(A) by separation flannel (B) by evaporation  
(C) partial-distillation (D) evaporation of water (Ans : C)
93. White vitriol is—  
(A)  $\text{FeSO}_4, 7\text{H}_2\text{O}$  (B)  $\text{ZnSO}_4, 7\text{H}_2\text{O}$   
(C)  $\text{MgSO}_4, 7\text{H}_2\text{O}$  (D)  $\text{CuSO}_4, 7\text{H}_2\text{O}$   
(Ans : B)
94. Combustion is a process by which—  
(A) heat is produced (B) light is produced  
(C) heat and light both are produced (D) None of these (Ans : C)
95. (Before Islam Arab were engaged live systematically as:  
(a) Central Government  
(b) Autonomous body  
(c) **Tribal feuds**  
(d) Own master mind  
(e) None of these
96. Hadith was compiled by:  
(a) Hazrat Abu Bakkar  
(b) Hujjaj Bin Yousuf  
(c) **Umer Bin Abdul Aziz**  
(d) Haroon Rasheed  
(e) None of these
97. Treaty of Hudaibiyah was observed in:  
"(a) 5thHijrah (b) **6th Hijrah** (c). 7th Hijrah. (d) 8th Hijrah (e) None of these  
(8) Prophet Muhammad (P.B.U.H.) died on:  
(a) March 633 AD (b) April 633 AD (c) May 633 AD (d) **June 633 AD** (e) None of these
98. Hazrat Othman was murdered on:  
(a) 17th March, 656 A.D.  
(b) 17th April, 656 A.D.  
(c) 17th May, 656 A.D.

**(d) 17th June, 656 A.D.**

99. The capital of Saudi Arabia is:

- (a) Makkah
- (b) Madinah
- (c) RIyadh**
- (d) None of these

100. Euphrates is a river of:

- (a) North Africa
- (b) Iran
- (c) Iraq**
- (d) None of these

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**GENERAL ABILITY EXAMS MODEL PAPERS FOR  
FPSC/SPSC/BPSC/KPKPSC/PPSC/NTS  
(MODEL PAPER.50)**

**Find the correct sentence structure?**

19. The Hindi play, interwoven with songs in Urdu and Punjabi by both poets, is one that portrays the depth, intensity and **silences of the love between the writers.**

- 1) silences of love among the two writers
- 2) silences of the love between the two writers
- 3) silences of love between the three writers
- 4) silences of the love among the two writers
- 5) No correction required

Answer – 2)

**Explanation :** silences of the love between the two writers

20. Pain is alleviated by the primary care physician.

- 1) on the ground is that most lives are
- 2) up to the ground is that most of lives are
- 3) on the ground is which most lives are
- 4) on the ground is that many living are
- 5) No correction required.

Answer – 1)

**Explanation :** on the ground is that most lives are

21. Terrorist attacks **at top of sectarian clashes have** affected the area in recent years.

- 1) on top of sectarian clashes has
- 2) on top of sectarian clashes have
- 3) on top for sectarian clashes have
- 4) on the top of sectarian clashes have
- 5) No correction required.

Answer – 2)

**Explanation.** on top of sectarian clashes have

22. Throughout the developed world, there **is a great emphasis on primary care** doctors, and most medical graduates enter primary care.

- 1) are a great emphasis on primary care
- 2) is the great emphasis on primary care
- 3) was a great emphasised on primary care
- 4) is great emphasis on the primary care
- 5) No correction required.

Answer – 5)

**Explanation :** No correction required.

23. We need to ensure that medical aspirants know as much as possible what their working lives **are going to be like.**

- 1) are going to be like
- 2) are goes to be like
- 3) are going to be alike
- 4) are being goes to like
- 5) No correction required.

Answer – 1)

**Explanation :** are going to be like

24. China has also introduced some new important topics into **the Summit agenda at the top of** the traditional ones.

- 1) the Summit agenda at top of
- 2) the Summit agenda on top of
- 3) the Summit agenda on the top

- 4) the Summit agenda on top up of  
5) No correction required.

Answer – 2)

**Explanation :** the Summit agenda on top of

25. We have done adequate preparation **to make sure that development will be** featured fully and prominently on the agenda of the G20 Summit..

- 1) to make sure which development will be  
2) to make sure that development would be  
3) to makes sure which development could be  
4) to made sure that development would have  
5) No correction required.

Answer – 5)

**Explanation :** No correction required.

26. China received valuable support from all G20 member states, including India, **to which we have grateful.**

- 1) for what are grateful  
2) to that is grateful  
3) to that we are grateful  
4) to which we are grateful  
5) No correction required.

Answer – 4)

**Explanation :** to which we are grateful

27. G20 is the first global mechanism that allows developed and developing countries **to taking an equal part in** global economic governance.

- 1) to take an equal part in  
2) to takes an equal part over  
3) to take the equal part on  
4) to taken an equal part at  
5) No correction required.

Answer – 1)

**Explanation :** to take an equal part in

28. We need to take shared efforts to shift G20 from a crisis-response mechanism **to the one of long-term governance.**

- 1) to be one of long-term governance  
2) to one of long-terms governance  
3) to one of long-term governance  
4) to one of the long-term governance  
5) No correction required.

Answer – 3)

**Explanation :** to one of long-term governance

29. China and India have far more common interests than differences and **far many of areas of the cooperation than** competition.

- 1) far many areas of cooperation than  
2) far more area of cooperation with  
3) far more areas of the cooperation than  
4) far more areas of cooperation than  
5) No correction required.

Answer – 4)

**Explanation :** far more areas of cooperation than

30. 1) subsequent  
2) foment  
3) subdue  
4) submarine  
5) None of these

Answer – 2)

**Explanation :** foment

31. **What is the synonym of IMPOVERISHING?**

- 1) augment  
2) expand



- 3) deplete
- 4) increase
- 5) None of these

Answer – 3)

**Explanation :** deplete

**32. What is the synonyms of STOCKPLING?**

- 1) wastrel
- 2) hoard
- 3) spendthrift
- 4) waster
- 5) None of these

Answer – 2)

**Explanation :** hoard

**33. What is the synonym of Tardy?**

- 1) dawdling
- 2) prompt
- 3) ready
- 4) eminent
- 5) None of these

Answer – 1)

**Explanation :** dawdling

**34. What is the synonyms of INVARIABLY?**

- 1) fragile
- 2) oppose
- 3) customarily
- 4) conserve
- 5) None of these

Answer – 3)

**Explanation :** customarily

**35. What is the synonym of EXPUNGING?**

- 1) dearth
- 2) construct
- 3) eradicate

- 4) establish
- 5) None of these

Answer – 3)

**Explanation :** eradicate

**36. What is the antonym of REDEEM?**

- 1) Vigilantes
- 2) lose
- 3) denigrate
- 4) arbitior
- 5) None of these

Answer – 2)

**Explanation :** lose

**37. What is the synonym of RAZE?**

- 1) Evicted
- 2) demolish
- 3) ominous
- 4) ragile
- 5) None of these

Answer – 2)

**Explanation :** demolish

**38. What is the antonym of SWAY?**

- 1) futility
- 2) dissent
- 3) restore
- 4) barter
- 5) None of these

Answer – 1)

**Explanation :** futility

**Find the antonym of the following words written in capitals:**

21. The day before yesterday I WENT TO SEE my sick grandmother.

- A) came in B) visited C) left
- D) called on E) invited

22. Her character is very MILD.  
A) gentle B) angry C) difficult  
D) rude E) bad
23. The British seem to like their weather as it is ISLAND weather.  
A) isolated B) light C) mild  
D) difficult E) continental
24. I think it is a LEGAL party as it has been functioning for a long time.  
A) lawful B) possible C) illegal  
D) illiterate E) important
25. My mother was a KIND person.  
A) cruel B) good-natured C) nice  
D) bad E) merry
26. About one million Welshmen still speak NATIVE language.  
A) original B) natural C) folk  
D) other E) foreign
27. MODERN factories have sprung up around the city.  
A) small B) new C) out of date  
D) fresh E) bad
28. The Welsh ARE FULL OF idealism and good humor.  
A) complete B) whole C) weak  
D) lack E) empty
29. When he was nine, he ENTERED the gymnasium and became an excellent student.  
A) finished B) got C) went away  
D) came E) completed
30. She likes GETTING letters but dislikes writing them.  
A) receiving B) taking C) sending  
D) reading E) finding
31. There are many ANCIENT cities in Turkey.  
A) big B) old C) fashionable  
D) modern E) beautiful
32. There's a DEEP lake between these two villages.  
A) shallow B) charming C) good-looking  
D) handsome E) unpleasant
33. Our traditions are very ANCIENT and our people are proud of them.

- A) present B) old C) modern  
D) real E) young
34. I didn't know she was so LEARNED.  
A) well read B) bookish C) accomplished  
D) plain E) ignorant
35. One day my brother told the story to one of his FRIENDS.  
A) advisers B) enemies C) assistants  
D) backers E) patrons
36. Nobody knew he was leaving the country; only Anne knew the TRUTH.  
A) loyalty B) honor C) belief  
D) lie E) light
37. Why did they TURN him OUT?  
A) dismiss B) employ C) refuse  
D) free E) examine
38. This is a SHARP knife.  
A) new B) slow C) blue  
D) dull E) old
39. The train LEAVES ON TIME.  
A) is late B) is slow C) is fast  
D) Express train E) is before time

#### Answers.

<b>21-E 22-D 23-E 24-C</b>
<b>25-A 26-E 27-C 28-D 29-A 30-C 31-D 32-A</b>
<b>33-C 34-E 35-B 36-D 37-B 38-D 39-A</b>

40. Noble peace prize decided by-----  
oslo
41. highest literacy rate among SAARC-----  
-----srilanka
42. highest per capita income among SAARC---  
-----india
43. largest producer of oil in OPEC countries----  
-----saudi Arabia
44. bakhtar news agency of -----  
afghanistan
45. Ariana is Airline of-----Afghanistan
46. cathy pacific-----is airline
47. ITAR-TASS news agency of-----  
russia

48. PPI-----pakistan press international  
 49. share of punjab in pakistan-----  
 25.8%  
 50. Head Quarter of asian development bank is  
 in-----manila  
 51. security council members are-----  
 --15  
 52. ibne batuta came in india from-----  
 --morroco  
 53. SCOUT established by -----Robert  
 Powall  
 54. who presided wavell plan-----  
 lord Wavell  
 55. ch rehmat ali coin word pakistan in-----  
 -----193  
 56. Clash of civilization is written by ?Samuel  
 Huntington  
 57. War and Peace is written by? Leo Tolstoy  
 58. Pride and prejudice is written by?jane  
 Austin  
 59. India Wins Freedom Is written by?Abu  
 ul Kalam azad  
 60. Who was the chief editor of  
 "Zamindar?Maulana Zafar Ali Khan  
 61. Simon Commission Held in?1927  
 62. Who was the Viceroy in ?1927?Lord  
 Irwin  
 63. First viceroy of the subcontinent  
 was?Lord Canning  
 64. Last viceroy of subcontinent? Lord  
 Mountbatten  
 65. In which state Obama belongs To  
 ?Illionso state  
 66. When WTO formed?1995  
 67. Stainless Steel is the alloy of ?copper  
 and zinc  
 68. How many colors are there is  
 spectrum?7  
 69. Which player has Highest score in TEst  
 cricket?Sachin Tendulker  
 70. NATO stands for?North Atlantic Treaty  
 Organisation  
 71. Where is the greatest and longest wall of  
 earth?China

72. Where is Leaning Tower of Pissa? Italy  
 73. Who presented Theory of  
 relativity?Einstein  
 74. Barium is used for  
 A. Checking blood group  
**B. X-ray of alimentary canal**  
 C. X-ray of brain  
 D. None of these  
 75. Dialysis is used for the treatment of  
**A. Kidney failure**  
 B. Heart weakness  
 C. Brain diseases  
 D. None of these  
 76. Insulin is injected into the intestines by  
 A. **Pancreas**  
 B. Liver  
 C. Stomach  
 D. Gall bladder  
 77. **The outermost layers of cells in the  
 human skin(outermost skin) is known  
 as**  
 a) Vomer  
 b) Esophagus  
 c) Epidermis  
 d) Qudra helix

**Answer – C**

78. **What is the organ name which  
 consists of a muscular tube through  
 which food passes from the throat to  
 the stomach ?**  
 a) Cerebrum  
 b) Keratin  
 c) Epidermis  
 d) Esophagus

**Answer – D**

79. **Red blood corpuscles in human body  
 are formed in which body organ ?**  
 a) Liver  
 b) Bone marrow  
 c) Kidneys  
 d) Heart

**Answer – B**

80. **Enzymes helps in**

- a) Respiration
- b) Digestion
- c) Immune system
- d) Reproduction

**Answer – B**

81. In a hotel, 60% had vegetarian lunch while 30% had non-vegetarian lunch and 15% had both type of lunch. If 96 people were present, how many did not eat either type of lunch?

- A.27
- B.26
- C.25
- D.24

**Answer: Option D**

Explanation:

$$n(A) = (60/100 \times 96) = 288/5,$$

$$n(B) = (30/100 \times 96) = 144/5$$

$$n(A \cap B) = (15/100 \times 96) = 72/5$$

People who have either or both lunch

$$n(A \cup B) = 288/5 + 144/5 - 72/5 = 360/5 = 72$$

So People who do not have either lunch were =  $96 - 72$

$$= 24$$

82. A man buys an article for Rs. 27.50 and sells it for Rs 28.60. Find his gain percent

- A.1%
- B.2%
- C.3%
- D.4%

**Answer: Option D**

Explanation:

So we have C.P. = 27.50

S.P. = 28.60

$$\text{Gain} = 28.60 - 27.50 = \text{Rs. } 1.10$$

$$\text{Gain \%} = \left\{ \left( \frac{\text{Gain}}{\text{Cost}} \right) \times 100 \right\} \%$$

$$= \left\{ \left( \frac{1.10}{27.50} \right) \times 100 \right\} \% = 4\%$$

83. A TV is purchased at Rs. 5000 and sold at Rs. 4000, find the lost percent.

- A.10%
- B.20%
- C.25%
- D.28%

**Answer: Option B**

Explanation:

We know, C.P. = 5000

S.P. = 4000

$$\text{Loss} = 5000 - 4000 = 1000$$

$$\text{Loss \%} = \left\{ \left( \frac{\text{Loss}}{\text{Cost}} \right) \times 100 \right\} \%$$

$$= \left\{ \left( \frac{1000}{5000} \right) \times 100 \right\} \% = 20\%$$

84. A person incurs a loss of 5% by selling a watch for Rs. 1140. At what price should the watch be sold to earn 5% profit?

- A.Rs.1200
- B.Rs.1230
- C.Rs.1260
- D.Rs.1290

**Answer: Option C**

Explanation:

Let the new S.P. be x, then.

$$(100 - \text{Loss \%}) : (1^{\text{st}} \text{ S.P.}) = (100 + \text{gain \%}) : (2^{\text{nd}} \text{ S.P.})$$

$$\Rightarrow (95/1140 = 105/x) \Rightarrow x = 1260$$

**Second Method:**

Let X be the original price of watch, then  
5% of X = LOSS

SO,

$$X - 5\% \quad X = 1140$$

$$X(1 - 5/100) = 1140$$

$$X = 1200,$$

$$\text{Now } 5\% \text{ of } x = 60$$

Now price after profit

$$X + 60 = 1260$$

85. A book was sold for Rs 27.50 with a profit of 10%. If it were sold for Rs. 25.75, then would have been percentage of profit and loss?

A. 2% Profit

B. 3% Profit

C. 2% Loss

D. 3% Loss

**Answer: Option B**

Explanation:

Let X be the price, the 10% on this price

$$X + 10\% X = 27.75$$

$$X = 25$$

$$\text{When S.P.} = 25.75 \text{ then Profit} = 25.75 - 25$$

$$= \text{Rs. } 0.75$$

$$\text{Profit \%} = (0.75/25) * 100 = 3\%$$

**Answer: Option C**

Explanation:

Whenever we get this type of question, we should have formula in mind that,

$$\text{Gain\%} = (\text{gain}/\text{cost}) * 100$$

$$\text{Cost} = 4700 + 800 = \text{Rs. } 5500$$

$$\text{S.P.} = \text{Rs. } 5800$$

$$\text{Profit} = 5800 - 5500 = 300$$

$$\text{Gain \%} = (300/5500) * 100 = 5 \frac{5}{11} \%$$

86. Of where is Sofia the capital?

a) Azerbaijan b) Seyria

c) **Bulgaria** d) Oman

87. Great victoria desert is present in  
a) Uganda b) Mangolia c) **Australia** d) China

88. Shahnama was written by:  
a) Zafar Ali Khan b) Abu Al Kalam Azad c) **Firdausi** d) Hafeez Jalandhri

89. "Paradise Regained and Paradise Lost" written by  
a) Jan Austen b) Tolstoy c) **John Milton** d) Wolpert

90. The country known as the Land of White Elephant is  
a) Nepal b) Bangladesh c) **Thailand** d) Sri Lanka

91. FORMOSA is the old name of.  
a) Leobnan b) Japan c) **Taiwan** d) Vietnam

92. The coldest planet is  
a) Earth b) Venus c) **Neptune** d) Pluto

93. Unit of work in SI units is  
a) Watt b) Mole c) **Joule** d) Newton

94. 'Broadway Street' is famous for  
a) Newspaper b) Banking c) **Cinema Halls** d) Stock Exchange

95. Eagle is the national emblem of  
a) Turkey b) France c) **Spain** d) Germany

96. Hygrometer is used to measure:  
67. a) Pressure b) Water c) **humidity** d) Air

97. The writer of The Spirit of Islam is  
a) Molana Muhammad Ali Johar b)

Allama Iqbal c) **Amir Ali** d) Sir. Syed Ali Khan

98. Who wrote India wins Freedom?

- a) G.W Chudhary b) Stonly Wolpert  
c) **Maulana Abu'al Kalam Azad** d) Amir Ali

99. War and Peace book is written by

- a) Wolpert b) Richerd Nixon c) **Leo Tolstoy** d) Jan Austen

100. Pakistan's second Governer General and 2nd Prime Minister was?

- a) Feroz Khan Noon b) Sikandar Mirza  
c) **Khawaja Nazimuddin** d) Chudhary Muhammad Ali

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### Note.

**Dear students do not completely rely on these model papers. For 100% success read more books. Read these papers just 10 days before exam.**

Naeem Shah 03366579860