PATWARI, CLERK, BANK PO, GATE, AE/JE, SSC- CGL, CHSL, PSU'S

GK/GS/APTITUDE

Time Allowed : 60 minutes   **Maximum Marks : 60**

Read the following instructions carefully.

1. Immediately after the commencement of the examination, you should check that this booklet does not have any unprinted or torn or missing pages or items etc. If so, get it replaced by a complete.

2. All questions are compulsory and carry one marks.

3. **The paper carries negative marking 1/3 marks will be deducted for each wrong answer.**

4. **If a candidate gives more than one answer, it will be treated as wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.**

5. The space for rough work wherever provided may be utilized by the candidate. You are not to use any portion of the Answer Sheet for rough work.

6. After you have completed filling in all your responses on the answer sheet and the examination has concluded, you should hand over to the Invigilator only the answer sheet. You are permitted to take away with you the test booklet.

7. Mobile phones and wireless communication devices are completely banned in the examination halls/rooms.

8. Use Blue/Black Ball Point Pen for all you work on the OMR Answer Sheet. You have to darken only one circle or bubble indicating the correct answer on the Answer Sheet.

9. After completion of test Answers are discussed in the class or uploaded on website www.eduzphere.in

10. If anyone found cheating will be expelled from the classes.

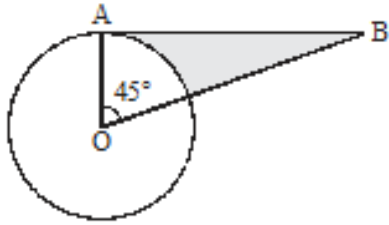**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO**

1. The tenth schedule contains
   (A) Newly created territories
   (B) Provision regarding disqualifications an ground of defections.
   (C) Form of oath & Aftiramation
   (D) None of these

2. The Judges of the Supreme Court are
   (A) Elected by the parliament
   (B) Appointed by the Prime Minister
   (C) Appointed by president
   (D) Appointed by Chief Justice of India

3. Who Decides whether a bill is a money bill or not?
   (A) Speaker of the Lok Sabha
   (B) The president
   (C) The prime minister
   (D) Parliamentary committee.

4. The fundamental Rights of the Indian citizen
   (A) can be suspended by President during National emergency
   (B) can be suspended by President during all types of emergencies
   (C) can be suspended by Prime Minister.
   (D) Cannot be suspended under any condition

5. The constitution of India come into force in
   (A) Jan 26, 1950   (B) 26 Jan, 1947
   (C) 26 Nov, 1949   (D) 15 Aug, 1947

6. Who is the chairman of the drafting committee of the constitution, Assembly?
   (A) Jawahar Lal Nehru
   (B) Dr. B.R. Amebdkar
   (C) Rajendra Prasad
   (D) C.R. Rajagopalachari

7. How many languages were originally recognized by the constitution as regional languages?
   (A) 14   (B) 15
   (C) 20   (D) 22

8. The item 'Education' belongs to the
   (A) Union list   (B) State list
   (C) concurrent list   (D) None of these

9. What is the minimum age prescribed for becoming a member of Rajya Sabha
   (A) 25 years   (B) 21 years
   (C) 30 years   (D) 35 years

10. What is the minimum age prescribed for becoming a member of panchayat?
    (A) 25 years   (B) 21 years
    (C) 30 years   (D) 35 years

11. Which amendment also called as mini constitution ?
    (A) 42nd (B) 43rd
    (C) 44th (D) 70th

12. Which is the oldest range in India ?
    (A) Shivalik Range
    (B) Karakoram Range
    (C) Zanspar Range
    (D) Aravali Range

13. Which of the following river is west following to Arabian Sea
    (A) Ganga   (B) Mahanadi
    (C) Godavari   (D) Narmada

14. Tropic of cancer does not pass through which state of India ?
    (A) Rajasthan   (B) Madhya Pradesh
    (C) Orissa   (D) West Bengal

15. The other name of summer Monsoon in India is?
    (A) North east Monsoon
    (B) South west Monsoon
    (C) South east Monsoon
    (D) North west Monsoon

16. The summer monsoon spread whole of the India by
    (A) 15 July   (B) 1 July
    (C) 1 August   (D) 30 July

17. The Asteroid belt is found between which planets
    (A) Mars & Jupiter   (B) Earth & Mars
    (C) Sun & Earth   (D) Mercury & Venus

18. Keibul Lamjao national Park is found in which state of India.
    (A) Assam   (B) Manipur
    (C) Sikkim   (D) Madhya Pardesh

19. Bharamputra river is known by which name in Bangladesh?

(A) Padma   (B) Jammuna
(C) Meghna   (D) Dinay

20. India completely lies in?
(A) Northern Hemisphere
(B) Southern hemisphere
(C) Both A & B
(D) None of these

21. Southern Most point of India is?
(A) Kanyakumari   (B) Indra Point
(C) South Andaman   (D) Tamil Nadu

22. Which of the following cities was capital of Maharaja Ranjit Singh?
(A) Amritsar   (B) Patiala
(C) Lahore   (D) Kapurthala

23. In which round table conference, held in London, does congress take participate
(A) 1st round table conference
(B) 2nd round table conference
(C) 3rd round table conference
(D) None of these

24. Which among the following moment started with breaking the salt law.
(A) Non – cooperation movement
(B) Civil Disobedience movement
(C) Quit India movement
(D) Home rule movement

25. Partition of Bengal take place in
(A) 1905   (B) 1906
(C) 1907   (D) 1908

26. What is the fourth state of mater called?
(A) Solid   (B) Liquid
(C) Gas   (D) Plasma

27. Which of the following is not present in animal cells?
(A) Cell wall   (B) Mitochondria
(C) Ribosome's   (D) Cytoplasm

28. Presence of which among the following salts in water Causes Blue baby syndrome?
(A) Sulphates   (B) Chlorides
(C) Carbonates   (D) Nitrates

29. In which part of the central Nervous system controls 'reflex actions'?
(A) Mesenceplalon
(B) Rhombencephalon
(C) Medulla Oblongata
(D) Spinal chord

30. Which of the following is used in pencils
(A) Graphite   (B) Silicon
(C) Charcoal   (D) Phosphorous

31. $5\frac{7}{6}+16\frac{2}{3}+18\frac{4}{9}-13\frac{5}{6}=?$
(A) $26\frac{2}{3}$ (B) $27\frac{2}{3}$
(C) $27\frac{4}{9}$ (D) $26\frac{4}{9}$

32. $1+\frac{1}{2}+\frac{1}{4}+\frac{1}{7}+\frac{1}{14}+\frac{1}{28}$ is equal to
(A) 2   (B) 2.5
(C) 3   (D) 3.5

33. The value of $999\frac{995}{999}\times999$ is
(A) 990809   (B) 998996
(C) 998999   (D) 999824

34. The ratio of the areas of two squarer, one having double its diagonal than the other is
(A) 1 : 4   (B) 1 : 5
(C) 1 : 3   (D) None of these

35. The area of a rhombus is 240 cm^2 and one of the diagonal is 16cm. Find the length of other diagonal.
(A) 15 cm   (B) 18 cm
(C) 20 cm   (D) 30 cm

36. Price of rice reduced by 20%. A person can buy 6 kg more rice for Rs. 1200. Find new price of rice per kg.
(A) 30 Rs/kg   (B) 20 Rs. /kg
(C) 40 Rs./kg   (D) 50 Rs./kg

37. Four bells first begin to toll together and then at intervals of 6 seconds, 7 seconds, 8 seconds and 9 seconds respectively. Find as to how many times the bells would toll together in 2 hours
(A) 10   (B) 12

(C) 14   (D) 16

38. AB is a tangent to the circle. The radius of the circle is 2 cm. Then the area of the shaded portion is

(A) $2 - \dfrac{\pi}{2}$ (B) $\dfrac{\pi}{2} - 2$

(C) $4 - \dfrac{\pi}{2}$ (D) None of these

39. Probability of getting a multiple of 2 on one dice and a multiple of 3 on other dice, when both dice are thrown simultaneously

(A) 1/3   (B) 11/36
(C) 1/4   (D) 1/12

40. A and B alone can complete a piece of work in 20 and 30 days. A and B together start the work. After 8 days A left the work. Remaining work is done by B and C together in 4 days. C alone does the work in

(A) 12 days   (B) 15 days
(C) 20 days   (D) 10 days

41. If 12 Men or 24 Boys can do a work in 66 days, the number of days in which 15 men and 6 Boys can do it is

(A) 44   (B) 33
(C) 55   (D) 66

42. Rahul cells two tape recorder at the same price. On one he gains 20% and on the other he loses 20%. The total gain or loss in the transition is

(A) 4% gain   (B) 4% loss
(C) 2% gain   (D) no loss or gain

43. Ratio of income of A, B & C are respectively 3 : 4 : 8 and ratio of their expenditure is 5 : 4 : 6. If saving of C is 3/4th of his Income. Find ratio of their saving.

(A) 3 : 4 : 5   (B) 7 : 8 : 9
(C) 5 : 4 : 7   (D) 2 : 4 : 9

44. Ratio between the monthly income of A and B is 9 : 8 and the ratio between their expenditures is 8 : 7. If they save Rs.500 each. Find A's monthly income.

(A) Rs. 3500   (B) Rs. 4000

(C) Rs. 4500   (D) Rs. 5000

45. Walking 6/7th of his usual speed, a man is 12 minutes too late. The usual time taken by him to cover that distance is

(A) 1 Hours   (B) 1 hr 12 min
(C) 1 hr 15 min   (D) 1 hr 20 min

46. A person travels equal distances with speed of 3 km/hr, 4km/hr and 5 km/hr and takes a total time of 47 minutes. The total distance in km is.

(A) 2   (B) 3
(C) 4   (D) 5

47. A boat running downstream covers a distance of 16 km in 2 Hours while covering the same distance upstream, it takes 4 Hours. What is the speed of the boat in still water ?

(A) 4 km/hr   (B) 6 km/hr
(C) 8 km/hr   (D) Data inadequate

48. A sum of money lent out at simple interest amount to Rs. 720 after 2 years and to Rs. 1020 after a further period of 5 years. The sum is

(A) Rs. 500   (B) Rs. 600
(C) Rs. 700   (D) Rs. 710

49. The difference between compound Interest and simple interest on an amount of Rs. 15000 for 2 years is Rs. 96. What is the rate of interest per annum.

(A) 8   (B) 10
(C) 12   (D) can't be determined

50. In how many ways can a group of 5 men and 2 women be made out of a total of 7 men and 3 women?

(A) 63   (B) 90
(C) 126   (D) 45

51. The average weight of 8 person increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person ?

(A) 76 kg   (B) 76.5 kg
(C) 85 kg   (D) data inadequate

52. The average of 8 numbers is 20. The average of first two numbers is $15\dfrac{1}{2}$ and that of the next three is $21\dfrac{1}{3}$. If the sixth number be less than the Seventh and eight

number by 4 and 7 respectively, then the eight number is

(A) 18   (B) 22
(C) 25   (D) 27

53. A can contains a mixture of two liquid A and B in the ratio 7 : 5. When 9 litres of mixture is taken out and can is filled with Liquid B, the ratio of A & B becomes 7 : 9. How many Litres of liquid A was contained by the can initially ?

(A) 10   (B) 20
(C) 21   (D) 25

54. The ratio of the present ages of two brothers is 1 : 2 and 5 years back, the ratio was 1 : 3. What will be the ratio of their ages after 5 years?

(A) 1 : 4   (B) 2 : 3
(C) 3 : 5   (D) 5 : 6

55. A man is 24 years older than his son. In two years, his age will be twice the age of his son. The present age of the son is

(A) 14 years   (B) 18 years
(C) 20 years   (D) 22 years

56. A, B, C started a business with their investments in the ratio 1 : 3 : 5. After 4 months, A invested the same amount as before and B as well as C withdraw half of their investments. The ratio of their profits at the end of the year is:

(A) 4 : 3 : 5   (B) 5 : 6 : 10
(C) 6 : 5 : 10   (D) 10 : 5 : 6

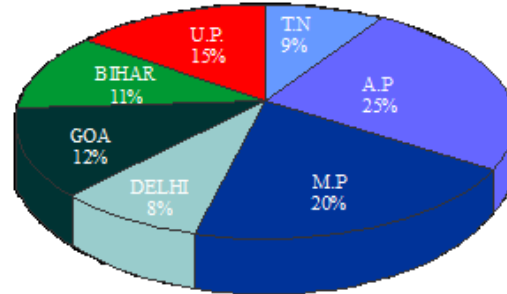**57.** A spider climbs $62\frac{1}{2}\%$ height of a pole in 1 hour. In the next hour it covers the $12\frac{1}{2}\%$ of remaining height. If length of the pole is 192 meter. Find the distance covered in the second hour?

(A) 6 meter   (B) 8 meter
(C) 9 meter   (D) 10 meter

Direction (58-60) : Study the following graph and the table and answer the questions given below.
Data of different states regarding population of states in the year 1998

Total population of the given States = 3276000

States	Sex		Literacy	
	M	F	Literate	Illiterate
A.P	5	3	2	7
M.P	3	1	1	4
Delhi	2	3	2	1
Goa	3	5	3	2
Bihar	3	4	4	1
U.P.	3	2	7	2
T.N.	3	4	9	4

(Header row: "Sex and Literacy wise Population Ratio")

58. What is the ratio of the number of females in T.N. to the number of females in Delhi?

(A) 7 : 5   (B) 9 : 7
(C) 13 : 11   (D) 15 : 14

59. If in the year 1998, there was an increase of 10% in the population of U.P. and 12% in the population of M.P. compared to the previous year, then what was the ratio of populations of U.P. and M.P. in 1997?

(A) 42 : 55   (B) 48 : 55
(C) 7 : 11   (D) 4 : 5

60. What was the total number of illiterate people in A.P. and M.P. in the year 1998.

(A) 876040   (B) 932170
(C) 981550   (D) 1161160