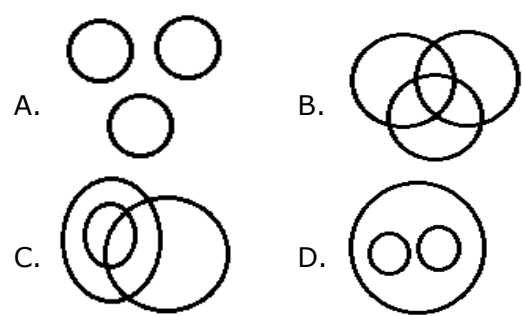


SSC & Railway Exams

Home Assignment



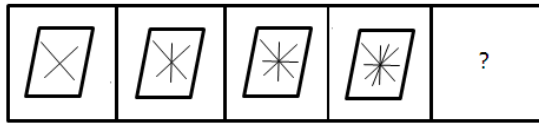
1. Which is the smallest artery in the human body?
A. Aorta B. Arteriole
C. Axilla D. None of these
2. Enzyme Ptylin converts starch to _____.
A. Glucose B. Glycose
C. Maltose D. Lactose
3. What is the full form of UMANG App which is developed by Indian govt to promote Digital India initiative?
A. Unified Mobile Application for New-age Governance
B. Unified Mobile Application for New-age Government
C. Unified Mobile Application for Newtech Governance
D. Universal Mobile Application for New-age Governance
4. Which of following is true about Carbon Monoxide?
A. Colourless and odourless
B. Flammable
C. Denser than air
D. All of the above
5. Mohr's scale is used for measurement of _____ of minerals.
A. Softness B. Ductility
C. Hardness D. Tensile Strength
6. Graphite is a _____ of electricity.
A. Good conductor B. Bad conductor
C. Insulator D. Superconductor
7. What is unemployment rate?
A. Percentage of unemployed workers in the total population
B. Percentage of unemployed workers in the total employed force
C. Percentage of unemployed workers in the total labor force
D. Percentage of workless people in the total labor force
8. Which of following are studied under Macro-economics?
A. Economic growth of country
B. Individual Markets
C. Individual Firms
D. Decisions of Individuals


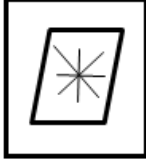

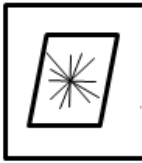
9. Who was the successor of King Vijayalaya of Chola dynasty?
A. Arinjaya Chola B. Uttama Chola
C. Aditya I D. Rajadhiraja Chola
10. Battle of Wandiwash was fought during which Carnatic War?
A. First Carnatic War
B. Second Carnatic War
C. Third Carnatic War
D. Fourth Carnatic War
11. In a family, R is the sister of S who is married to T. U is the son of R and V is the son of S. P is the father of R. Q is the mother of S. How is V related to P?
A. Uncle B. son
C. Father D. Grand-son
12. If ONE = 7 and ZERO = 44, then THREE = _____.
A. 119 B. 145
C. 105 D. 99
13. In a certain code language, BIBLIOGRAPHY is written as YHPARGOILIBIB, then in the same code language, TESTIMONIAL will be written as?
A. LAITSEINOMIT B. LITSEAINOMT
C. MITSETLAINO D. LAINOMITSET
14. Select the Venn diagram that best illustrates the relationship between the following classes.
Monkey, Zebra, Camel

15. If BKQEZXT = RLCDUYA and CGLMOYR = MHDLSZP then ZNSVLTC will be written as?
A. UOUUDUM B. TOAUDUM
C. SAOUDUM D. TOUAUDM



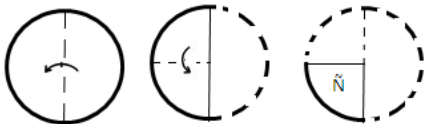
Gradeup Green Card
Unlimited Access to All 350+ SSC & Railways Mock Tests

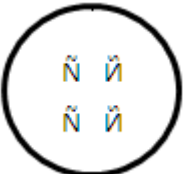

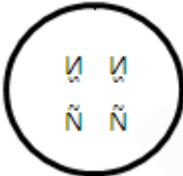

16. Select the option that will come next in the given series.



- A.  B. 
- C.  D. 

17. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?



- A.  B. 
- C.  D. 

18. If '+' represents '÷', '÷' represents 'x', '-' represents '+' and 'x' represents '-', then what is the value of the following expression?

$$36 + 4 \div 7 - 11 \times 50$$

- A. 24 B. 34
C. 44 D. 54

19. Which number will come next in the following series?

74, 137, 230, 359, 530, ?

- A. 459 B. 749
C. 639 D. 329

20. In the following question, select the odd number pair from the given alternatives.

- A. 8 : 66 B. 10 : 98
C. 7 : 51 D. 13 : 171

21. The average of 8 observations is 47. If one new observation is added to the previous observations, then the new average becomes 50. The new observation is -

- A. 76 B. 78
C. 71 D. 74

22. Out of 8 persons, 7 persons spent Rs. 32 each for their meals. The eighth one spent Rs. 21 more than the average expenditure of all the eight. The total money spent by all of them was

- A. Rs. 278 B. Rs. 288.5
C. Rs. 280 D. Rs. 282.5

23. A is 40% more efficient than B and C is 20% less efficient than B. Working together, they can finish a task in 15 days. In how many days, will B alone complete 75% of the task?

- A. 48 B. 36
C. 44 D. 32

24. The difference between the compound interest and simple interest on Rs. x at 7.5% per annum for 2 years is Rs. 45. What is the value of x?

- A. 8,000 B. 9,000
C. 10,000 D. 7,000

25. The ratios of copper to zinc in alloys A and B are 3 : 4 and 5 : 9. respectively. A and B are taken in the ratio 2 : 3 and melted to form a new alloy C. What is the ratio of copper to zinc in C?

- A. 8 : 13 B. 27 : 43
C. 3 : 5 D. 9 : 11

26. If $\sqrt{x} + \frac{1}{\sqrt{x}} = \sqrt{7}$, then $x^3 + \frac{1}{x^3}$ is equal to:

- A. 140 B. 130
C. 110 D. 120



Gradeup Green Card
Unlimited Access to All 350+ SSC & Railways Mock Tests

27. $\Delta ABC \sim \Delta QPR$ and $\frac{\text{ar}(\Delta ABC)}{\text{ar}(\Delta PQR)} = \frac{1}{16}$.

If $AB = 12$ cm, $BC = 6$ cm and $AC = 9$ cm then PR is equal to :

- A. 9 cm B. 12 cm
C. 8 cm D. 24 cm

28. In ΔABC , D is a point on side BC such that $\angle ADC = \angle BAC$. If $CA = 12$ cm. $CB = 8$ cm. then CD is equal to:

- A. 18 cm B. 15 cm
C. 12 cm D. 16 cm

29. If $\tan \theta = \frac{1}{\sqrt{3}}$ then find the value of $\tan 60^\circ + \frac{1}{\tan 60^\circ}$.

- A. $4\sqrt{3}$ B. $\frac{4\sqrt{3}}{3}$
C. 2 D. 23

30. The length of a room is double the breadth. The cost of colouring the ceiling at Rs. 25/m² is Rs. 5000 and cost of painting the four walls at Rs. 240/m² is Rs. 64,800. Find height of room.

- A. 4 B. 4.5
C. 3.5 D. 5



Gradeup Green Card
Unlimited Access to All 350+ SSC & Railways Mock Tests



Gradeup Green Card

Features:

- › 350+ Full-Length Mocks
- › 30+SSC & Railways Exams Covered
- › Tests Available in English & Hindi
- › Performance Analysis & All India Rank
- › Previous Year Question Papers in Mock Format
- › Available on Mobile & Desktop



www.gradeup.co