



NEEV ACCELERATE TALENT REWARD EXAM'26

Sample Test Paper – Class 8

Total Questions: 30 | Each question has one correct answer

SECTION A – SCIENCE

1. A force of 10 N is applied on an object but it does not move. What is the net work done?
 - A) 0 J B) 10 J C) -10 J D) Cannot be determined
2. Which material is a good conductor of electricity?
 - A) Plastic B) Wood C) Copper D) Rubber
3. Sound cannot travel through—
 - A) solids B) liquids C) gases D) vacuum
4. Which part of the cell controls all activities?
 - A) Cytoplasm B) Nucleus C) Cell membrane D) Ribosome
5. Rusting of iron requires—
 - A) Oxygen only B) Water only C) Oxygen and water D) CO₂ only
6. A synthetic fibre that melts on heating is—
 - A) Cotton B) Nylon C) Wool D) Silk
7. The pressure exerted by a liquid depends on—
 - A) colour B) temperature C) depth D) mass only
8. Which gas is released during photosynthesis?
 - A) CO₂ B) N₂ C) O₂ D) H₂

9. Which is an example of exothermic reaction?

- A) Melting ice B) Dissolving ammonium chloride
- C) Burning magnesium D) Evaporation

10. The loudness of sound depends on its—

- A) frequency B) amplitude
- C) speed D) wavelength

SECTION B – MATHEMATICS

11. Value of $(-5) + (-12)$ is—

- A) -17 B) 7 C) -7 D) 17

12. Solve: $3x - 7 = 11$

- A) 4 B) 6 C) 8 D) 5

13. Square root of 144 is—

- A) 10 B) 11 C) 12 D) 13

14. $2^3 \times 2^2 = ?$

- A) 2^6 B) 2^5 C) 2^7 D) 2^3

15. A shirt marked ₹800 is sold at 10% discount. Selling price is—

- A) ₹720 B) ₹760 C) ₹800 D) ₹840

16. Area of a square with side 9 cm is—

- A) 81 cm^2 B) 18 cm^2 C) 36 cm^2 D) 90 cm^2

17. Volume of a cube with side 5 cm—

- A) 25 cm^3 B) 75 cm^3 C) 125 cm^3 D) 150 cm^3

18. Simplify: $(a+b)^2$

- A) $a^2 + b^2$ B) $a^2 + 2ab + b^2$ C) $a^2 - 2ab + b^2$ D) $a^2 - b^2$

19. Data: 5, 7, 7, 9, 10. Mode is—

- A) 5 B) 7 C) 9 D) 10

20. If 4 notebooks cost ₹60, cost of 10 notebooks is—

- A) ₹120 B) ₹130 C) ₹140 D) ₹150

SECTION C – REASONING

21. Next number: 4, 9, 14, 19, __

- A) 20 B) 21 C) 22 D) 24

22. Odd one out: Tiger, Lion, Leopard, Whale

- A) Tiger B) Lion C) Leopard D) Whale

23. If CAT = DBU, then DOG = ?

- A) EPH B) FPI C) EOH D) FPH

24. Aman faces East, turns right, walks 10 m. Now he faces—

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

25. Next term: B, E, H, K, __

- A) M B) N C) O D) P

26. If all roses are flowers and some flowers are red, which must be true?

- A) All roses are red B) Some roses may be red
- C) No roses are red D) All flowers are roses

27. Which day comes 5 days after Tuesday?

- A) Sunday B) Monday C) Saturday D) Friday

28. Relationship: Pen : Write :: Knife : __

- A) Cut B) Sharp C) Food D) Chop

29. Series: 2, 6, 18, 54, __

- A) 72 B) 216 C) 108 D) 162

30. If A=1, B=2... code for FUN?

- A) 6-21-14 B) 5-22-13 C) 4-21-13 D) 6-20-14

ANSWER KEY

1. A 2. C 3. D 4. B 5. C 6. B 7. C 8. C 9. C 10. B 11. A 12. C 13. C 14. B 15. B 16. A 17. C
18. B 19. B 20. A 21. C 22. D 23. A 24. B 25. B 26. B 27. A 28. A 29. D 30. A



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