

RMS Composite Paper — Class-wise (VI & IX)

PRACTICE PAPER

Exam: Rashtriya Military Schools CET

Time: 2 × 60 minutes

Max. marks: 50 questions

Questions: 50

NAME

ROLL NO. / DATE

Instructions

1. Part I is for Class VI aspirants; Part II for Class IX aspirants. Attempt your part only.
2. Each question has one correct answer.
3. Check the latest RMS notification for the official pattern.

PART I — CLASS VI (MATHS, ENGLISH, GK, INTELLIGENCE)

1. $25 \times 4 =$
(A) 100 (B) 75
(C) 125 (D) 90
2. $\frac{3}{5}$ expressed as a percentage is
(A) 35% (B) 60%
(C) 53% (D) 30%
3. $7 \times 8 =$
(A) 54 (B) 56
(C) 58 (D) 64
4. $1000 - 375 =$
(A) 725 (B) 635
(C) 625 (D) 675
5. $\frac{1}{2} + \frac{1}{4} =$
(A) $\frac{2}{6}$ (B) $\frac{3}{4}$
(C) $\frac{1}{6}$ (D) 1
6. How many days are there in a leap year?
(A) 364 (B) 365
(C) 366 (D) 360
7. The perimeter of a square of side 12 cm is
(A) 48 cm (B) 24 cm
(C) 144 cm (D) 36 cm
8. Which is a prime number?
(A) 21 (B) 27
(C) 29 (D) 33

9. Choose the correct spelling.
(A) Soldeir (B) Soldier
(C) Solider (D) Souldier
10. Opposite of "brave":
(A) bold (B) fearless
(C) cowardly (D) strong
11. The plural of "tooth" is
(A) tooths (B) teeth
(C) teeths (D) toothes
12. She _____ a letter yesterday.
(A) write (B) writes
(C) wrote (D) written
13. The national bird of India is the
(A) Parrot (B) Peacock
(C) Eagle (D) Sparrow
14. Which is the largest continent?
(A) Africa (B) Asia
(C) Europe (D) Australia
15. Which organ pumps blood in our body?
(A) Lungs (B) Liver
(C) Heart (D) Kidney
16. Odd one out:
(A) Apple (B) Mango
(C) Potato (D) Banana
17. Next number: 2, 4, 8, 16, ?
(A) 18 (B) 24
(C) 32 (D) 20
18. If CAT is coded as DBU, then DOG is coded as
(A) EPH (B) EOH
(C) CNF (D) DPH
19. Bird : Nest :: Bee : ?
(A) Hive (B) Den
(C) Burrow (D) Stable
20. Ravi faces north and turns right. He now faces
(A) South (B) West
(C) East (D) North
21. $48 \div 4 =$
(A) 14 (B) 12
(C) 16 (D) 11

22. $9^2 =$
 (A) 18 (B) 81
 (C) 99 (D) 72
23. Which month has 28 or 29 days?
 (A) January (B) February
 (C) April (D) June
24. Water freezes at
 (A) 0°C (B) 10°C
 (C) 100°C (D) -10°C
25. Which of these is a means of air transport?
 (A) Ship (B) Helicopter
 (C) Train (D) Bus

PART II — CLASS IX (MATHS, ENGLISH, SCIENCE, SOCIAL SCIENCE)

26. Solve: $2x + 5 = 17$
 (A) 6 (B) 11
 (C) 7 (D) 8
27. The value of $(-3)^3$ is
 (A) 9 (B) -9
 (C) 27 (D) -27
28. The area of a triangle with base 10 cm and height 6 cm is
 (A) 60 cm^2 (B) 30 cm^2
 (C) 16 cm^2 (D) 36 cm^2
29. 20% of a number is 24. The number is
 (A) 120 (B) 100
 (C) 480 (D) 96
30. $a^2 - b^2 =$
 (A) $(a - b)^2$ (B) $(a + b)(a - b)$
 (C) $a^2 + b^2 - 2ab$ (D) $(a + b)^2$
31. The sum of the angles of a quadrilateral is
 (A) 180° (B) 270°
 (C) 360° (D) 540°
32. A car covers 150 km in $2\frac{1}{2}$ hours. Its speed is
 (A) 50 km/h (B) 60 km/h
 (C) 75 km/h (D) 65 km/h
33. Choose the synonym of "assist":
 (A) help (B) oppose
 (C) ask (D) resist
34. Choose the correct sentence.
 (A) He is taller than me. (B) He is more taller than me.
 (C) He is tallest than me. (D) He taller than me.

35. The passive of "They are building a bridge" is
 (A) A bridge is built by them. (B) A bridge is being built by them.
 (C) A bridge was built by them. (D) A bridge has been built.
36. The SI unit of work is
 (A) newton (B) watt
 (C) joule (D) pascal
37. The chemical formula of water is
 (A) H_2O (B) CO_2
 (C) O_2 (D) H_2O_2
38. The powerhouse of the cell is the
 (A) nucleus (B) ribosome
 (C) mitochondrion (D) vacuole
39. An object at rest stays at rest unless acted on by a force – this is Newton's
 (A) first law (B) second law
 (C) third law (D) law of gravitation
40. Rusting of iron needs
 (A) oxygen only (B) water only
 (C) oxygen and water (D) carbon dioxide
41. The French Revolution began in
 (A) 1789 (B) 1857
 (C) 1776 (D) 1815
42. The Constitution of India came into force on
 (A) 15 August 1947 (B) 26 January 1950
 (C) 26 November 1949 (D) 2 October 1950
43. The Tropic of Cancer passes through
 (A) Punjab (B) Madhya Pradesh
 (C) Kerala (D) Bihar
44. Which is a Kharif crop?
 (A) Wheat (B) Rice
 (C) Mustard (D) Gram
45. The lower house of Parliament is the
 (A) Rajya Sabha (B) Lok Sabha
 (C) Vidhan Sabha (D) Vidhan Parishad
46. If $\sqrt{x} = 9$, then $x =$
 (A) 3 (B) 18
 (C) 81 (D) 27
47. Simple interest on ₹800 at 5% for 2 years is
 (A) ₹80 (B) ₹40
 (C) ₹160 (D) ₹100

48. The value of 0.5×0.5 is
(A) 2.5 (B) 0.25
(C) 0.025 (D) 25
49. Sound cannot travel through
(A) water (B) air
(C) steel (D) vacuum
50. Which planet is called the Red Planet?
(A) Jupiter (B) Mars
(C) Venus (D) Saturn
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