

Sainik School (AISSEE) Class VI — Practice Set A

PRACTICE PAPER

Exam: AISSEE Class VI (NTA)

Time: 75 minutes

Max. marks: 60 questions (half-length)

Questions: 60

NAME _____

ROLL NO. / DATE _____

Instructions

1. This is a half-length practice set: Mathematics 25, Intelligence 15, Language 10, GK 10.
2. Mark one answer per question on an OMR sheet.
3. Verify the latest pattern in the NTA AISSEE information bulletin.

MATHEMATICS

1. $\frac{3}{4}$ as a percentage is
(A) 34% (B) 75%
(C) 43% (D) 70%
2. $125 \times 8 =$
(A) 1000 (B) 1250
(C) 900 (D) 1100
3. $\frac{2}{3}$ of 99 =
(A) 33 (B) 66
(C) 69 (D) 63
4. Perimeter of a rectangle $12 \text{ m} \times 8 \text{ m}$ is
(A) 96 m (B) 20 m
(C) 40 m (D) 48 m
5. The cube of 5 is
(A) 15 (B) 25
(C) 125 (D) 225
6. Simple interest on ₹1500 at 12% for 1 year is
(A) ₹120 (B) ₹150
(C) ₹180 (D) ₹200
7. $\frac{5}{6} - \frac{1}{3} =$
(A) $\frac{4}{3}$ (B) $\frac{1}{2}$
(C) $\frac{2}{3}$ (D) $\frac{1}{3}$
8. Sum of the first five natural numbers is
(A) 10 (B) 15
(C) 20 (D) 25

9. The HCF of 18 and 24 is
(A) 3 (B) 6
(C) 12 (D) 72
10. The LCM of 4, 6 and 8 is
(A) 24 (B) 48
(C) 12 (D) 16
11. A right angle measures
(A) 45° (B) 90°
(C) 180° (D) 60°
12. Which is a composite number?
(A) 13 (B) 17
(C) 21 (D) 19
13. $0.6 + 0.25 =$
(A) 0.31 (B) 0.85
(C) 0.825 (D) 8.5
14. The Roman numeral for 49 is
(A) IL (B) XLIX
(C) XXXIX (D) LIX
15. If a car travels 45 km in 1 hour, how far will it go in 4 hours?
(A) 180 km (B) 160 km
(C) 200 km (D) 90 km
16. The area of a square of side 9 cm is
(A) 36 cm^2 (B) 81 cm^2
(C) 18 cm^2 (D) 72 cm^2
17. $1 \text{ km} = ? \text{ m}$
(A) 10 (B) 100
(C) 1000 (D) 10000
18. Which fraction is the largest?
(A) $1/2$ (B) $2/5$
(C) $3/4$ (D) $3/5$
19. The successor of 9999 is
(A) 9998 (B) 10000
(C) 10001 (D) 99910
20. An angle greater than 90° but less than 180° is
(A) acute (B) right
(C) obtuse (D) reflex
21. $36 \div 4 \times 3 =$
(A) 3 (B) 27
(C) 12 (D) 48

22. A shopkeeper buys a toy for ₹80 and sells it for ₹100. His profit is
 (A) ₹20 (B) ₹180
 (C) ₹25 (D) ₹80
23. How many sides does a hexagon have?
 (A) 5 (B) 6
 (C) 7 (D) 8
24. The average of 4, 8 and 12 is
 (A) 6 (B) 8
 (C) 12 (D) 24
25. 10% of 350 is
 (A) 3.5 (B) 35
 (C) 350 (D) 0.35

INTELLIGENCE

26. Next: 7, 14, 21, 28, ?
 (A) 30 (B) 35
 (C) 32 (D) 42
27. Next: 1, 2, 4, 7, 11, ?
 (A) 14 (B) 15
 (C) 16 (D) 18
28. Next: Z, X, V, T, ?
 (A) S (B) R
 (C) Q (D) U
29. If BOOK = CPPL, then DESK =
 (A) EFTL (B) EFSL
 (C) DFTL (D) EETL
30. Pen : Write :: Knife : ?
 (A) Sharp (B) Cut
 (C) Steel (D) Kitchen
31. Odd one out:
 (A) Lion (B) Tiger
 (C) Cow (D) Leopard
32. Odd one out:
 (A) Square (B) Circle
 (C) Triangle (D) Rectangle
33. Facing south, you turn right. You now face
 (A) East (B) West
 (C) North (D) South
34. Your mother's brother's son is your
 (A) brother (B) cousin
 (C) nephew (D) uncle

35. If $3 \# 4 = 25$ and $1 \# 2 = 5$, then $5 \# 2 = ?$
 (A) 29 (B) 10
 (C) 49 (D) 27
36. Which word can be made from the letters of SOLDIER?
 (A) SLIDER (B) SOLID
 (C) RIDES (D) All of these
37. Arrange: 1. Class 2. School 3. Student 4. Desk — small to big:
 (A) 3, 4, 1, 2 (B) 4, 3, 1, 2
 (C) 3, 1, 4, 2 (D) 1, 2, 3, 4
38. Find the missing number: 4, 9, 16, ?, 36
 (A) 20 (B) 25
 (C) 24 (D) 30
39. Clock shows 6:00. The hands make an angle of
 (A) 90° (B) 120°
 (C) 180° (D) 0°
40. If 1st January is Sunday, 8th January is
 (A) Monday (B) Sunday
 (C) Saturday (D) Tuesday

LANGUAGE (ENGLISH)

41. Choose the correct spelling.
 (A) Discipline (B) Disipline
 (C) Disciplin (D) Dicipline
42. Opposite of "victory":
 (A) win (B) defeat
 (C) success (D) triumph
43. Synonym of "quick":
 (A) slow (B) fast
 (C) lazy (D) weak
44. The boys _____ playing football.
 (A) is (B) are
 (C) was (D) has
45. Collective noun: a _____ of soldiers.
 (A) herd (B) troop
 (C) flock (D) bunch
46. The past tense of "run" is
 (A) runned (B) ran
 (C) run (D) running
47. Which is an adjective? "The brave girl smiled."
 (A) girl (B) smiled
 (C) brave (D) the

48. Fill in: I have _____ umbrella.
 (A) a (B) an
 (C) the (D) no
49. Plural of "box":
 (A) boxs (B) boxes
 (C) boxies (D) box
50. Meaning of "punctual":
 (A) always late (B) on time
 (C) very angry (D) very tall

GENERAL KNOWLEDGE

51. Sainik Schools are run by the
 (A) Sainik Schools Society, Ministry of Defence
 (B) Ministry of Education only
 (C) Indian Railways
 (D) State Police
52. The national animal of India is the
 (A) Lion (B) Elephant
 (C) Tiger (D) Peacock
53. Which planet do we live on?
 (A) Mars (B) Earth
 (C) Venus (D) Jupiter
54. The Republic Day of India is celebrated on
 (A) 15 August (B) 26 January
 (C) 2 October (D) 14 November
55. The Taj Mahal is in
 (A) Delhi (B) Jaipur
 (C) Agra (D) Lucknow
56. We get vitamin D mainly from
 (A) sunlight (B) rice
 (C) water (D) salt
57. The instrument used to measure temperature is
 (A) barometer (B) thermometer
 (C) compass (D) ruler
58. The largest desert of India is the
 (A) Thar (B) Sahara
 (C) Gobi (D) Kalahari
59. Which game is associated with the Ranji Trophy?
 (A) Hockey (B) Football
 (C) Cricket (D) Badminton

60. Children's Day in India is celebrated on

(A) 5 September

(B) 14 November

(C) 2 October

(D) 26 January

Practice paper prepared by Atulya Defence Academy in the style of the AISSEE Class VI (NTA) — not an official paper. Always check the latest official notification. Answer key: atulyadefenceacademy.com/downloads/sainik-school-class-6-set-a-answer-key.pdf