



CLASS IX LATERAL ENTRY | PRACTICE PAPER 10

Original mock test | 2027-28 pattern | Level: Class VIII

Section	Questions	Marks
English	1-15	15
Hindi	16-30	15
Mathematics	31-65	35
General Science	66-100	35
Total / Time	100	100 / 2.5 hours

Candidate: _____ Roll no.: _____

Instructions

Choose one answer (A-D) for each of the 100 questions and darken the matching OMR circle. Each correct answer carries 1 mark; no negative marks.

Use a blue or black ballpoint pen on the official OMR sheet. The enclosed practice sheet is for classroom use. Time allowed: 2 hours 30 minutes.

These questions are original and follow the official Class IX 2027-28 subject distribution and Class VIII syllabus.



SECTION I | ENGLISH | QUESTIONS 1-15

UNSEEN PASSAGE

Jyoti visited the observatory to prepare a class report. First, Jyoti recorded three observations in a camera. Then a friend noticed that one measurement had been copied incorrectly. They checked the original record before changing the report. Although this took extra time, the final report was accurate. Their teacher praised the careful correction rather than the speed of submission.

1. Why did the student visit the place?

(A) To buy food (B) To prepare a class report (C) To meet a doctor (D) To catch a bus

2. How many observations were recorded?

(A) Three (B) One (C) Two (D) Four

3. What was wrong?

(A) A page was torn (B) The place was closed (C) One copied measurement (D) The original record was lost

4. What did they check before correcting the report?

(A) A newspaper (B) A poster (C) A guess (D) The original record

5. What quality did the teacher praise?

(A) Neat handwriting only (B) Careful correction (C) Fast guessing (D) Late arrival

6. Choose the synonym of "observe".

(A) forget (B) ignore (C) hide (D) notice

7. Choose the correct sentence.

(A) Each of the girls have a book. (B) Each of the girls having a book. (C) Each of the girls has a book. (D) Each of girls has a book.

8. Choose the antonym of "expand".

(A) increase (B) contract (C) widen (D) grow

9. Choose the adjective in: "The narrow lane was quiet."

(A) was (B) lane (C) quietly (D) narrow

10. Choose the antonym of "scarce".

(A) abundant (B) limited (C) few (D) rare

11. Fill in: The train had left ____ we reached.

(A) unless (B) before (C) until (D) while

12. Choose the comparative form of "good".

(A) better (B) best (C) wellest (D) gooder

13. Choose the correctly ordered sentence.

(A) Planted children the trees yesterday. (B) Yesterday trees planted the children. (C) Trees the children yesterday planted. (D) The children planted trees yesterday.



14. Choose the correct plural of "criterion".

(A) criterias (B) criterionies (C) criterions (D) criteria

15. Fill in: I prefer tea ____ coffee.

(A) than (B) from (C) over than (D) to

SECTION II | HINDI | QUESTIONS 16-30

अपठित गद्यांश

तनु अपने मित्रों के साथ विज्ञान केंद्र गया। वहाँ उन्होंने सफ़ाई का काम देखा और उपयोगी वस्तुओं को अलग-अलग रखा। एक मित्र ने कागज़ को पुनः उपयोग के लिए जमा किया। काम पूरा होने पर सभी ने हाथ धोए और शिक्षक को अपना अनुभव बताया। शिक्षक ने समझाया कि छोटे-छोटे प्रयास मिलकर बड़ा परिवर्तन ला सकते हैं।

16. बच्चे किसके साथ गए थे?

(A) अकेले (B) डॉक्टर के साथ (C) खिलाड़ियों के साथ (D) मित्रों के साथ

17. वहाँ बच्चों ने क्या काम देखा?

(A) चित्रकारी (B) सफ़ाई का काम (C) खेती का काम (D) खेल का अभ्यास

18. कागज़ किसलिए जमा किया गया?

(A) पुनः उपयोग के लिए (B) जलाने के लिए (C) फेंकने के लिए (D) बेचने के लिए

19. काम के बाद बच्चों ने क्या किया?

(A) खेलना शुरू किया (B) हाथ धोए (C) सो गए (D) घर नहीं गए

20. अनुच्छेद का मुख्य संदेश क्या है?

(A) मित्रता कठिन है (B) सफ़ाई व्यर्थ है (C) कागज़ बेकार है (D) छोटे प्रयास बड़ा परिवर्तन ला सकते हैं

21. "नया" का विलोम चुनिए।

(A) नवीन (B) ताज़ा (C) आधुनिक (D) पुराना

22. "मीठा फल" में विशेषण कौन-सा है?

(A) फल (B) में (C) मीठा (D) कोई नहीं

23. "उदय" का विलोम चुनिए।

(A) प्रभात (B) अस्त (C) प्रकाश (D) आरंभ



24. "कठिन" का विलोम चुनिए।

(A) कड़ा (B) मुश्किल (C) सरल (D) जटिल

25. शुद्ध वर्तनी चुनिए।

(A) आवश्यकता (B) आवश्यक्ता (C) अवश्यकता (D) आवशयकता

26. "मैं कल जाऊँगा" में काल चुनिए।

(A) वर्तमान काल (B) आजार्थक (C) भूत काल (D) भविष्य काल

27. "अच्छा" का विलोम चुनिए।

(A) उत्तम (B) बुरा (C) श्रेष्ठ (D) सुंदर

28. "दाँत खट्टे करना" का अर्थ चुनिए।

(A) बीमार होना (B) पराजित करना (C) खट्टा खाना (D) दाँत साफ करना

29. "खिलाड़ी खेल रहे हैं" में कर्ता कौन है?

(A) खिलाड़ी (B) खेल (C) कोई नहीं (D) रहे हैं

30. "सुख" का विलोम चुनिए।

(A) शांति (B) आनंद (C) दुःख (D) हर्ष

SECTION III | MATHEMATICS | QUESTIONS 31-65

31. Find $\frac{3}{12} + \frac{2}{12}$.

(A) $\frac{1}{12}$ (B) $\frac{5}{13}$ (C) $\frac{6}{12}$ (D) $\frac{5}{12}$

32. Find the square of 20.

(A) 441 (B) 361 (C) 420 (D) 400

33. Find the square root of 196.

(A) 15 (B) 13 (C) 14 (D) 196

34. Find the cube of 13.

(A) 2197 (B) 169 (C) 2210 (D) 1728

35. Find the cube root of 2197.

(A) 169 (B) 13 (C) 14 (D) 12

36. Simplify $3^3 \times 3^2$.

(A) 81 (B) 243 (C) 729 (D) 36



37. Simplify $(3^3)^2$.

(A) 729 (B) 54 (C) 81 (D) 2187

38. 15 notebooks cost Rs. 330. What is the cost of 18 at the same rate?

(A) 418 rupees (B) 333 rupees (C) 374 rupees (D) 396 rupees

39. 5 workers finish a task in 12 days. At the same rate, 10 workers take how many days?

(A) 5 days (B) 7 days (C) 6 days (D) 8 days

40. Find 15% of 400.

(A) 80 (B) 60 (C) 70 (D) 50

41. An item bought for Rs. 300 sells for Rs. 360. Find profit percent.

(A) 15% (B) 25% (C) 20% (D) 10%

42. Marked price Rs. 600, discount 10%. Find sale price.

(A) 540 rupees (B) 550 rupees (C) 530 rupees (D) 600 rupees

43. Find simple interest on Rs. 2000 at 10% per year for two years.

(A) 400 rupees (B) 2400 rupees (C) 500 rupees (D) 200 rupees

44. Find compound interest on Rs. 2000 at 10% per year for two years (annual compounding).

(A) 400 rupees (B) 410 rupees (C) 420 rupees (D) 430 rupees

45. If $x = 12$, find $3x + 7$.

(A) 48 (B) 43 (C) 40 (D) 46

46. If $2x + 5 = 31$, find x .

(A) 11 (B) 15 (C) 13 (D) 14

47. If $3(x - 2) = 36$, find x .

(A) 12 (B) 15 (C) 14 (D) 17

48. Expand $(17 + 13)^2$.

(A) 458 (B) 1342 (C) 900 (D) 459

49. Find $x^2 - 9$ when $x = 12$.

(A) 135 (B) 138 (C) 132 (D) 153

50. Factorisation: which factor divides $x^2 - 169$?

(A) $x - 15$ (B) $x + 15$ (C) $x - 13$ (D) $x + 14$

51. One angle of a parallelogram is 80 degrees. Find its adjacent angle.

(A) 260 degrees (B) 90 degrees (C) 80 degrees (D) 100 degrees

52. Three angles of a quadrilateral are 90, 90 and 80 degrees. Find the fourth.

(A) 280 degrees (B) 100 degrees (C) 90 degrees (D) 80 degrees

53. A rectangle has diagonal 32 cm. Find the length of each half-diagonal.

(A) 14 cm (B) 16 cm (C) 32 cm (D) 18 cm



54. Find the area of a rhombus with diagonals 28 cm and 32 cm.
(A) 60 sq cm (B) 896 sq cm (C) 224 sq cm (D) 448 sq cm
55. Find the area of a rectangle 20 cm by 16 cm.
(A) 320 sq cm (B) 72 sq cm (C) 340 sq cm (D) 304 sq cm
56. Find the area of a triangle with base 32 cm and height 16 cm.
(A) 512 sq cm (B) 48 sq cm (C) 256 sq cm (D) 272 sq cm
57. Find the volume of a cube of edge 13 cm.
(A) 2184 cubic cm (B) 169 cubic cm (C) 2210 cubic cm (D) 2197 cubic cm
58. Find the volume of a cuboid 15 cm x 14 cm x 13 cm.
(A) 1174 cubic cm (B) 2730 cubic cm (C) 2743 cubic cm (D) 2716 cubic cm
59. Find the total surface area of a cube of edge 14 cm.
(A) 1176 sq cm (B) 1190 sq cm (C) 980 sq cm (D) 784 sq cm
60. Using $\pi = \frac{22}{7}$, find the volume of a cylinder of radius 7 cm and height 15 cm.
(A) 2310 cubic cm (B) 660 cubic cm (C) 735 cubic cm (D) 2464 cubic cm
61. Find the mean of 20, 24, 28 and 32.
(A) 30 (B) 24 (C) 28 (D) 26
62. A bag has 13 red and 15 blue balls. Probability of picking red?
(A) $\frac{1}{28}$ (B) $\frac{13}{15}$ (C) $\frac{13}{28}$ (D) $\frac{15}{28}$
63. In a pie chart, a category occupies 25% of the total. Find its central angle.
(A) 72 degrees (B) 120 degrees (C) 60 degrees (D) 90 degrees
64. One-fourth of 180 students choose music. How many students is that?
(A) 50 (B) 40 (C) 90 (D) 45
65. Evaluate $(-14) + 21$.
(A) 22 (B) -7 (C) 7 (D) 35

SECTION IV | GENERAL SCIENCE | QUESTIONS 66-100

66. Internal fertilisation takes place ___ the female body.
(A) inside (B) only in plants (C) only in water (D) outside
67. Which tool loosens soil and brings nutrient-rich soil upward?
(A) Thermometer (B) Sprayer (C) Sickle (D) Plough
68. What is needed for combustion besides fuel and ignition temperature?
(A) Sand (B) Oxygen (C) Helium (D) Nitrogen only
69. The larva of a frog is called a _____.
(A) tadpole (B) chick (C) nymph (D) caterpillar



70. Ball bearings reduce friction mainly by replacing sliding with ____.
(A) melting (B) rolling (C) heating (D) sticking
71. During lightning, the safest place is generally ____.
(A) under a lone tree (B) inside a substantial building (C) beside a metal pole (D) in open water
72. Coal tar is a source of many useful ____.
(A) seeds (B) minerals only (C) chemicals (D) living cells
73. A fuse in an electric circuit is designed to ____.
(A) cool the battery (B) store charge (C) break the circuit when current is excessive (D) increase current
74. Why is petroleum called a fossil fuel?
(A) It is made every day (B) It contains only rocks (C) It formed from ancient organisms (D) It is a living fossil
75. Planting trees in a deforested area is called ____.
(A) combustion (B) pollination (C) migration (D) reforestation
76. A force can change an object's ____.
(A) temperature only (B) speed or direction (C) mass always (D) material always
77. Electroplating deposits a thin layer of metal using ____.
(A) magnet alone (B) electric current (C) sunlight only (D) sound
78. Which is a kharif crop in many Indian regions?
(A) Wheat (B) Mustard (C) Gram (D) Paddy
79. A broad school bag strap reduces pressure by increasing ____.
(A) contact area (B) force (C) weight (D) gravity
80. Which microorganism turns milk into curd?
(A) Rhizobium (B) Yeast only (C) Plasmodium (D) Lactobacillus
81. The calorific value of a fuel is usually expressed in ____.
(A) kJ per kg (B) metres (C) newtons (D) litres per second
82. The physical changes that make a child capable of reproduction occur during ____.
(A) germination (B) infancy (C) old age (D) puberty
83. Sound cannot travel through a ____.
(A) liquid (B) gas (C) solid (D) vacuum
84. Angle of incidence equals angle of ____.
(A) rotation (B) dispersion (C) reflection (D) refraction always
85. The variety of plants and animals in an area is its ____.
(A) density alone (B) altitude (C) biodiversity (D) humidity
86. Which practice helps seedlings emerge uniformly?
(A) Sowing seeds at suitable depth (B) Scattering on rocks (C) Using no water (D) Sowing very deep



87. Which gas is the main component of natural gas?

(A) Nitrogen (B) Carbon dioxide (C) Oxygen (D) Methane

88. In humans, fertilisation normally takes place in the ____.

(A) heart (B) kidney (C) stomach (D) oviduct

89. Which surface usually produces more friction?

(A) Oiled metal (B) Smooth ice (C) Rough concrete (D) Polished glass

90. Two like electric charges ____.

(A) attract (B) repel (C) become magnetic (D) neutralise always

91. Pasteurisation mainly helps make milk safer by ____.

(A) freezing forever (B) heating then cooling it (C) adding sand (D) removing all fat

92. The human voice is produced by vibrating ____.

(A) teeth (B) lungs only (C) vocal cords (D) tongue only

93. Which organism causes malaria?

(A) Plasmodium (B) Yeast (C) Rhizobium (D) Lactobacillus

94. Deforestation can directly increase ____.

(A) soil cover (B) soil erosion (C) wildlife habitat (D) rainwater infiltration always

95. Why does a sharp knife cut more easily?

(A) It has more mass always (B) Smaller area gives greater pressure (C) It removes friction (D) It is colder

96. Which liquid is likely to conduct electricity?

(A) Distilled water (B) Lemon juice (C) Kerosene (D) Cooking oil

97. Braille is read through the sense of ____.

(A) taste (B) smell (C) hearing only (D) touch

98. Adrenaline helps the body respond to ____.

(A) sleep only (B) bone growth only (C) emergency situations (D) digestion only

99. Which method supplies water drop by drop to plant roots?

(A) Sprinkler at full pressure (B) Flood irrigation (C) Harvesting (D) Drip irrigation

100. Which is safest for an electrical fire?

(A) Switch off supply and use an appropriate extinguisher (B) Pour water immediately (C) Fan the flames (D) Touch the wire



PRACTICE OMR | PAPER 10

Candidate: _____ Roll no.: _____ Date: _____

Fill exactly one circle for each question. Practice sheet only.

01 - 25	26 - 50	51 - 75	76 - 100
001 ☐ A ☐ B ☐ C ☐ D	026 ☐ A ☐ B ☐ C ☐ D	051 ☐ A ☐ B ☐ C ☐ D	076 ☐ A ☐ B ☐ C ☐ D
002 ☐ A ☐ B ☐ C ☐ D	027 ☐ A ☐ B ☐ C ☐ D	052 ☐ A ☐ B ☐ C ☐ D	077 ☐ A ☐ B ☐ C ☐ D
003 ☐ A ☐ B ☐ C ☐ D	028 ☐ A ☐ B ☐ C ☐ D	053 ☐ A ☐ B ☐ C ☐ D	078 ☐ A ☐ B ☐ C ☐ D
004 ☐ A ☐ B ☐ C ☐ D	029 ☐ A ☐ B ☐ C ☐ D	054 ☐ A ☐ B ☐ C ☐ D	079 ☐ A ☐ B ☐ C ☐ D
005 ☐ A ☐ B ☐ C ☐ D	030 ☐ A ☐ B ☐ C ☐ D	055 ☐ A ☐ B ☐ C ☐ D	080 ☐ A ☐ B ☐ C ☐ D
006 ☐ A ☐ B ☐ C ☐ D	031 ☐ A ☐ B ☐ C ☐ D	056 ☐ A ☐ B ☐ C ☐ D	081 ☐ A ☐ B ☐ C ☐ D
007 ☐ A ☐ B ☐ C ☐ D	032 ☐ A ☐ B ☐ C ☐ D	057 ☐ A ☐ B ☐ C ☐ D	082 ☐ A ☐ B ☐ C ☐ D
008 ☐ A ☐ B ☐ C ☐ D	033 ☐ A ☐ B ☐ C ☐ D	058 ☐ A ☐ B ☐ C ☐ D	083 ☐ A ☐ B ☐ C ☐ D
009 ☐ A ☐ B ☐ C ☐ D	034 ☐ A ☐ B ☐ C ☐ D	059 ☐ A ☐ B ☐ C ☐ D	084 ☐ A ☐ B ☐ C ☐ D
010 ☐ A ☐ B ☐ C ☐ D	035 ☐ A ☐ B ☐ C ☐ D	060 ☐ A ☐ B ☐ C ☐ D	085 ☐ A ☐ B ☐ C ☐ D
011 ☐ A ☐ B ☐ C ☐ D	036 ☐ A ☐ B ☐ C ☐ D	061 ☐ A ☐ B ☐ C ☐ D	086 ☐ A ☐ B ☐ C ☐ D
012 ☐ A ☐ B ☐ C ☐ D	037 ☐ A ☐ B ☐ C ☐ D	062 ☐ A ☐ B ☐ C ☐ D	087 ☐ A ☐ B ☐ C ☐ D
013 ☐ A ☐ B ☐ C ☐ D	038 ☐ A ☐ B ☐ C ☐ D	063 ☐ A ☐ B ☐ C ☐ D	088 ☐ A ☐ B ☐ C ☐ D
014 ☐ A ☐ B ☐ C ☐ D	039 ☐ A ☐ B ☐ C ☐ D	064 ☐ A ☐ B ☐ C ☐ D	089 ☐ A ☐ B ☐ C ☐ D
015 ☐ A ☐ B ☐ C ☐ D	040 ☐ A ☐ B ☐ C ☐ D	065 ☐ A ☐ B ☐ C ☐ D	090 ☐ A ☐ B ☐ C ☐ D
016 ☐ A ☐ B ☐ C ☐ D	041 ☐ A ☐ B ☐ C ☐ D	066 ☐ A ☐ B ☐ C ☐ D	091 ☐ A ☐ B ☐ C ☐ D
017 ☐ A ☐ B ☐ C ☐ D	042 ☐ A ☐ B ☐ C ☐ D	067 ☐ A ☐ B ☐ C ☐ D	092 ☐ A ☐ B ☐ C ☐ D
018 ☐ A ☐ B ☐ C ☐ D	043 ☐ A ☐ B ☐ C ☐ D	068 ☐ A ☐ B ☐ C ☐ D	093 ☐ A ☐ B ☐ C ☐ D
019 ☐ A ☐ B ☐ C ☐ D	044 ☐ A ☐ B ☐ C ☐ D	069 ☐ A ☐ B ☐ C ☐ D	094 ☐ A ☐ B ☐ C ☐ D
020 ☐ A ☐ B ☐ C ☐ D	045 ☐ A ☐ B ☐ C ☐ D	070 ☐ A ☐ B ☐ C ☐ D	095 ☐ A ☐ B ☐ C ☐ D
021 ☐ A ☐ B ☐ C ☐ D	046 ☐ A ☐ B ☐ C ☐ D	071 ☐ A ☐ B ☐ C ☐ D	096 ☐ A ☐ B ☐ C ☐ D
022 ☐ A ☐ B ☐ C ☐ D	047 ☐ A ☐ B ☐ C ☐ D	072 ☐ A ☐ B ☐ C ☐ D	097 ☐ A ☐ B ☐ C ☐ D
023 ☐ A ☐ B ☐ C ☐ D	048 ☐ A ☐ B ☐ C ☐ D	073 ☐ A ☐ B ☐ C ☐ D	098 ☐ A ☐ B ☐ C ☐ D
024 ☐ A ☐ B ☐ C ☐ D	049 ☐ A ☐ B ☐ C ☐ D	074 ☐ A ☐ B ☐ C ☐ D	099 ☐ A ☐ B ☐ C ☐ D
025 ☐ A ☐ B ☐ C ☐ D	050 ☐ A ☐ B ☐ C ☐ D	075 ☐ A ☐ B ☐ C ☐ D	100 ☐ A ☐ B ☐ C ☐ D



TEACHER ANSWER KEY | PAPER 10

1 mark per correct answer. No negative marking.

ENGLISH | 1-15

001 B	004 D	007 C	010 A	013 D
002 A	005 B	008 B	011 B	014 D
003 C	006 D	009 D	012 A	015 D

HINDI | 16-30

016 D	019 B	022 C	025 A	028 B
017 B	020 D	023 B	026 D	029 A
018 A	021 D	024 C	027 B	030 C

MATHEMATICS | 31-65

031 D	038 D	045 B	052 B	059 A
032 D	039 C	046 C	053 B	060 A
033 C	040 B	047 C	054 D	061 D
034 A	041 C	048 C	055 A	062 C
035 B	042 A	049 A	056 C	063 D
036 B	043 A	050 C	057 D	064 D
037 A	044 C	051 D	058 B	065 C

GENERAL SCIENCE | 66-100

066 A	073 C	080 D	087 D	094 B
067 D	074 C	081 A	088 D	095 B
068 B	075 D	082 D	089 C	096 B
069 A	076 B	083 D	090 B	097 D
070 B	077 B	084 C	091 B	098 C
071 B	078 D	085 C	092 C	099 D
072 C	079 A	086 A	093 A	100 A