



CLASS IX LATERAL ENTRY | PRACTICE PAPER 02

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

Bharat visited the garden to prepare a class report. First, Bharat recorded three observations in a sketchbook. 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 prepare a class report (B) To catch a bus (C) To buy food (D) To meet a doctor

2. How many observations were recorded?

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

3. What was wrong?

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

4. What did they check before correcting the report?

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

5. What quality did the teacher praise?

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

6. Choose the correct plural of "criterion".

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

7. Fill in: I prefer tea ____ coffee.

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

8. Choose the passive voice of "Rina wrote a letter."

(A) A letter was written by Rina. (B) A letter is writing Rina. (C) Rina was written by a letter. (D) A letter has wrote by Rina.

9. Choose the correct word: There are ____ apples left.

(A) less (B) much (C) little (D) fewer

10. Fill in: He is ____ honest person.

(A) a (B) no article (C) thee (D) an

11. Choose the antonym of "generous".

(A) selfish (B) kind (C) giving (D) helpful

12. Fill in: He spoke ____ than his friend.

(A) more clearly (B) clear (C) most clearly (D) more clear

13. Choose the correctly ordered sentence.

(A) Every we answer checked carefully. (B) Checked we carefully answer every. (C) We carefully checked every answer. (D) Carefully every checked we answer.



14. Choose the correct spelling.

(A) sepparate (B) separate (C) seperate (D) seperete

15. Choose the synonym of "brief".

(A) noisy (B) short (C) late (D) distant

SECTION II | HINDI | QUESTIONS 16-30

अपठित गद्यांश

सीमा अपने मित्रों के साथ बगीचे 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) मित्रों के साथ (D) खिलाड़ियों के साथ

17. वहाँ बच्चों ने क्या काम देखा?

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

18. कागज़ किसलिए जमा किया गया?

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

19. काम के बाद बच्चों ने क्या किया?

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

20. अनुच्छेद का मुख्य संदेश क्या है?

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

21. "वर्षा" का पर्यायवाची चुनिए।

(A) धूप (B) हवा (C) बर्फ (D) बारिश

22. "आग में घी डालना" का अर्थ चुनिए।

(A) भोजन पकाना (B) झगड़ा बढ़ाना (C) मित्रता करना (D) आग बुझाना

23. "पेड़" का बहुवचन चुनिए।

(A) पेड़ों को (B) पेड़िया (C) पेड़ें (D) पेड़



24. "आकाश" का पर्यायवाची चुनिए।

(A) वन (B) समुद्र (C) गगन (D) पर्वत

25. शुद्ध वाक्य चुनिए।

(A) वह प्रतिदिन स्कूल जाते हैं। (B) वह प्रतिदिन स्कूल जाते है। (C) वह प्रतिदिन स्कूल जाता है। (D) वह प्रतिदिन स्कूल जाना हैं।

26. "भारी" का विलोम चुनिए।

(A) मोटा (B) वज़नी (C) हल्का (D) विशाल

27. "सच्चाई" का विलोम चुनिए।

(A) सत्य (B) विश्वास (C) झूठ (D) ईमानदारी

28. "वे आए थे" में काल चुनिए।

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

29. "साहस" का विलोम चुनिए।

(A) वीरता (B) हिम्मत (C) धैर्य (D) भय

30. "पुस्तकें" का एकवचन चुनिए।

(A) पुस्तक (B) पुस्तकी (C) पुस्तकिया (D) पुस्तकों

SECTION III | MATHEMATICS | QUESTIONS 31-65

31. Find $\frac{3}{4} + \frac{2}{4}$.

(A) $\frac{5}{5}$ (B) $\frac{1}{4}$ (C) $\frac{5}{4}$ (D) $\frac{6}{4}$

32. Find the square of 12.

(A) 156 (B) 169 (C) 121 (D) 144

33. Find the square root of 36.

(A) 6 (B) 36 (C) 5 (D) 7

34. Find the cube of 5.

(A) 25 (B) 125 (C) 64 (D) 130

35. Find the cube root of 125.

(A) 25 (B) 4 (C) 6 (D) 5

36. Simplify $4^3 \times 4^2$.

(A) 256 (B) 1024 (C) 80 (D) 4096



37. Simplify $(3^4)^2$.

(A) 243 (B) 6561 (C) 162 (D) 19683

38. 7 notebooks cost Rs. 98. What is the cost of 10 at the same rate?

(A) 101 rupees (B) 126 rupees (C) 154 rupees (D) 140 rupees

39. 6 workers finish a task in 12 days. At the same rate, 12 workers take how many days?

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

40. Find 20% of 240.

(A) 68 (B) 58 (C) 48 (D) 38

41. An item bought for Rs. 220 sells for Rs. 264. Find profit percent.

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

42. Marked price Rs. 440, discount 10%. Find sale price.

(A) 406 rupees (B) 440 rupees (C) 396 rupees (D) 386 rupees

43. Find simple interest on Rs. 1200 at 10% per year for two years.

(A) 240 rupees (B) 120 rupees (C) 340 rupees (D) 1440 rupees

44. Find compound interest on Rs. 1200 at 10% per year for two years (annual compounding).

(A) 262 rupees (B) 242 rupees (C) 240 rupees (D) 252 rupees

45. If $x = 4$, find $3x + 7$.

(A) 24 (B) 16 (C) 19 (D) 22

46. If $2x + 5 = 15$, find x .

(A) 6 (B) 3 (C) 7 (D) 5

47. If $3(x - 2) = 12$, find x .

(A) 4 (B) 6 (C) 9 (D) 7

48. Expand $(9 + 5)^2$.

(A) 196 (B) 286 (C) 106 (D) 107

49. Find $x^2 - 9$ when $x = 4$.

(A) 25 (B) 10 (C) 4 (D) 7

50. Factorisation: which factor divides $x^2 - 25$?

(A) $x - 7$ (B) $x + 7$ (C) $x - 5$ (D) $x + 6$

51. One angle of a parallelogram is 56 degrees. Find its adjacent angle.

(A) 90 degrees (B) 236 degrees (C) 56 degrees (D) 124 degrees

52. Three angles of a quadrilateral are 90, 90 and 64 degrees. Find the fourth.

(A) 64 degrees (B) 116 degrees (C) 296 degrees (D) 90 degrees

53. A rectangle has diagonal 16 cm. Find the length of each half-diagonal.

(A) 8 cm (B) 6 cm (C) 16 cm (D) 10 cm



54. Find the area of a rhombus with diagonals 12 cm and 16 cm.
(A) 96 sq cm (B) 48 sq cm (C) 28 sq cm (D) 192 sq cm
55. Find the area of a rectangle 12 cm by 8 cm.
(A) 40 sq cm (B) 108 sq cm (C) 96 sq cm (D) 88 sq cm
56. Find the area of a triangle with base 16 cm and height 8 cm.
(A) 64 sq cm (B) 128 sq cm (C) 24 sq cm (D) 72 sq cm
57. Find the volume of a cube of edge 5 cm.
(A) 120 cubic cm (B) 125 cubic cm (C) 130 cubic cm (D) 25 cubic cm
58. Find the volume of a cuboid 7 cm x 6 cm x 5 cm.
(A) 204 cubic cm (B) 210 cubic cm (C) 215 cubic cm (D) 214 cubic cm
59. Find the total surface area of a cube of edge 6 cm.
(A) 216 sq cm (B) 222 sq cm (C) 180 sq cm (D) 144 sq cm
60. Using $\pi = \frac{22}{7}$, find the volume of a cylinder of radius 7 cm and height 7 cm.
(A) 1232 cubic cm (B) 1078 cubic cm (C) 343 cubic cm (D) 308 cubic cm
61. Find the mean of 12, 16, 20 and 24.
(A) 20 (B) 22 (C) 16 (D) 18
62. A bag has 5 red and 7 blue balls. Probability of picking red?
(A) $\frac{1}{12}$ (B) $\frac{5}{7}$ (C) $\frac{7}{12}$ (D) $\frac{5}{12}$
63. In a pie chart, a category occupies 25% of the total. Find its central angle.
(A) 120 degrees (B) 60 degrees (C) 90 degrees (D) 72 degrees
64. One-fourth of 100 students choose music. How many students is that?
(A) 25 (B) 50 (C) 30 (D) 20
65. Evaluate $(-6) + 13$.
(A) 7 (B) 14 (C) -7 (D) 19

SECTION IV | GENERAL SCIENCE | QUESTIONS 66-100

66. The physical changes that make a child capable of reproduction occur during ____.
(A) infancy (B) puberty (C) old age (D) germination
67. Sound cannot travel through a ____.
(A) vacuum (B) gas (C) liquid (D) solid
68. Angle of incidence equals angle of ____.
(A) rotation (B) reflection (C) dispersion (D) refraction always
69. The variety of plants and animals in an area is its ____.
(A) biodiversity (B) density alone (C) humidity (D) altitude



70. Which practice helps seedlings emerge uniformly?

(A) Scattering on rocks (B) Sowing seeds at suitable depth (C) Using no water (D) Sowing very deep

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

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

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

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

73. Which surface usually produces more friction?

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

74. Two like electric charges ____.

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

75. Pasteurisation mainly helps make milk safer by ____.

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

76. The human voice is produced by vibrating ____.

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

77. Which organism causes malaria?

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

78. Deforestation can directly increase ____.

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

79. Why does a sharp knife cut more easily?

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

80. Which liquid is likely to conduct electricity?

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

81. Braille is read through the sense of ____.

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

82. Adrenaline helps the body respond to ____.

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

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

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

84. Which is safest for an electrical fire?

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

85. Which hormone helps regulate blood glucose?

(A) Estrogen only (B) Adrenaline only (C) Insulin (D) Thyroxine only

86. Sound is produced by ____.

(A) light rays (B) vibrating objects (C) vacuum (D) stationary objects only



87. The point on Earth's surface above an earthquake focus is the ____.
(A) axis (B) pole (C) equator (D) epicentre
88. Which protected area allows wildlife conservation with regulated human activities?
(A) Industrial estate (B) Biosphere reserve (C) Shopping mall (D) Mine
89. White light can be split into colours by a ____.
(A) battery (B) magnet (C) plain wall (D) prism
90. Coke is obtained mainly from ____.
(A) sand (B) air (C) water (D) coal
91. The fusion of sperm and egg forms a ____.
(A) zygote (B) pupa (C) larva (D) spore
92. Friction acts generally ____ the relative motion.
(A) in the direction of (B) independent of (C) at right angles to only (D) opposite to
93. Pure distilled water is a ____ conductor of electricity.
(A) excellent (B) superconducting (C) metallic (D) poor
94. Yeast helps bread dough rise by producing ____.
(A) nitrogen (B) carbon dioxide (C) oxygen (D) hydrogen
95. Lubricants reduce friction by ____.
(A) removing gravity (B) making surfaces magnetic (C) separating rubbing surfaces (D) increasing roughness
96. Which method preserves food by removing much of its water?
(A) Drying (B) Pollination (C) Germination (D) Freezing only
97. The Red Data Book lists ____.
(A) weather reports (B) threatened species (C) only crop plants (D) all planets
98. Pressure equals force divided by ____.
(A) speed (B) area (C) time (D) volume
99. Loudness is closely related to the ____ of vibration.
(A) amplitude (B) colour (C) period alone (D) temperature
100. A periscope uses multiple ____.
(A) combustions (B) fertilisations (C) evaporations (D) reflections



PRACTICE OMR | PAPER 02

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 02

1 mark per correct answer. No negative marking.

ENGLISH | 1-15

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

HINDI | 16-30

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

MATHEMATICS | 31-65

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

GENERAL SCIENCE | 66-100

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