THE INTERNATIONAL SCHOOL BANGALORE

PRIMARY YEARS | SAMPLE ENTRANCE PRACTICE PAPER

ENTRY INTO GRADE 5

Time allowed: 60 minutes English: 20 marks Mathematics: 20 marks Total: 40 marks

Instructions: Read carefully. Answer in your own words where possible. Show your working in Mathematics. Plan your writing and check your answers.

This is an original practice paper for families, not the actual admissions assessment.

A. ENGLISH – READING (10 marks)

A Decision About the School Courtyard

The school council was deciding whether to turn an unused courtyard into a reading garden or an outdoor games area. Some students argued that a quiet garden would help children relax. Others said the school needed more space for active play. The principal asked the council to collect evidence before making a recommendation.

For one week, council members observed how students used existing spaces during lunch. They counted 68 visits to the small reading corner and 112 visits to the games area. However, Wednesday was rainy, so outdoor games were cancelled and many children stayed indoors.

The council also surveyed 90 students. Forty preferred a reading garden, thirty-five preferred a games area and fifteen wanted a space that could serve both purposes. Arjun warned that the counts alone might be misleading: the games area was larger and could hold more students at once. Meera suggested interviewing younger students, who had not been well represented in the survey. Before presenting their recommendation, the council planned to compare costs, accessibility and maintenance needs.

1. What two uses were proposed for the courtyard? (1 mark)

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2. Name TWO types of evidence the council collected. (2 marks)

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3. Which option received the most survey votes? (1 mark)

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4. How might Wednesday's weather have affected the observation results? Give TWO linked details. (2 marks)

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5. What does 'represented' mean in the final paragraph? (1 mark)

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6. Why did Arjun think visit counts might be misleading? (1 mark)

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7. How would interviewing younger students improve the decision? Give TWO reasons. (2 marks)

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B. ENGLISH – WRITING (10 marks)

Write a persuasive letter to the principal recommending a reading garden, a games area or a flexible space for both. Give at least TWO reasons, use evidence from the passage, acknowledge one limitation or alternative view, and end with a clear recommendation. Write approximately 160–190 words.

Plan your ideas:

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Write your response:

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C. MATHEMATICS (20 marks)

Show your method for multi-step and explanation questions. Use the working space provided.

1. A supplier delivers 28 boxes with 34 pencils in each. How many pencils arrive? Show a strategy. [3 marks]

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2. Tickets cost ₹245 each for 16 students. The group has ₹4,500. How much money remains? [3 marks]

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3. Arrange 0.6, 3/4, 0.55 and 2/3 in ascending order. Explain one comparison. [3 marks]

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4. A 9 m rope is divided into 12 equal pieces. Find the length of each piece in centimetres. [2 marks]

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5. A rectangular play area is 15 m long and 8 m wide. Find its perimeter and area, with units. [3 marks]

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6. A recycling team collects 176, 159, 143 and 172 cans. Its target is 700. How many more cans are needed? [3 marks]

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7. A whole number rounds to 6,300 to the nearest hundred. Give TWO possible numbers and explain why they work. [3 marks]

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PRIMARY YEARS | SAMPLE ANSWER KEY

ENTRY INTO GRADE 5

A. Reading answer key (10 marks)

1. (1 marks) A reading garden and an outdoor games area (both required).

2. (2 marks) Counts of visits to existing spaces; survey responses from students.

3. (1 marks) Reading garden (40 votes).

4. (2 marks) Rain cancelled outdoor games; this reduced outdoor use/increased indoor use, making the week less typical.

5. (1 marks) Included or given a voice in the survey.

6. (1 marks) The larger games area could accommodate more students, so counts are not a fair direct comparison.

7. (2 marks) Includes an underrepresented group; reveals needs/preferences that may change or strengthen the recommendation.

Accept equivalent answers supported by the passage. Award one mark per distinct required element in two-mark responses. Do not penalise minor spelling errors when meaning is clear.

B. Writing marking rubric (10 marks)

Criterion	Marks and guidance
Purpose, content and development	0–3: fully addresses task with developed ideas (3); some detail (2); limited ideas (1); no relevant response (0).
Organisation and cohesion	0–3: clear logical sequence and paragraphs (3); mostly logical (2); weak sequence (1); absent (0).
Vocabulary and expression	0–2: precise varied language (2); simple but clear (1); limits meaning (0).
Sentence structure and conventions	0–2: mostly accurate sentences, punctuation, spelling (2); some errors (1); errors obstruct meaning (0).

Grade-specific look-fors: Persuasive letter with position, two supported reasons, evidence, limitation or alternative and conclusion.

C. Mathematics answer key (20 marks)

1. (3 marks) 28 × 34 = 952 pencils.

2. (3 marks) 245 × 16 = ₹3,920; ₹4,500 − ₹3,920 = ₹580.

3. (3 marks) 0.55, 0.6, 2/3, 3/4; 2/3 ≈ 0.667 and 3/4 = 0.75.

4. (2 marks) 900 ÷ 12 = 75 cm.

5. (3 marks) Perimeter = 2(15 + 8) = 46 m; area = 15 × 8 = 120 m².

6. (3 marks) Total = 650; 700 − 650 = 50 cans.

7. (3 marks) Any two integers from 6,250 to 6,349, e.g., 6,270 and 6,340; both round to 6,300.

Award credit for valid methods and clear reasoning even if a later arithmetic error occurs. Accept equivalent strategies and representations.

Practice score record

Reading: ____ / 10 Writing: ____ / 10 Mathematics: ____ / 20 Total: ____ / 40