

MARKING SCHEME

SAMPLE PAPER

SESSION ENDING EXAMINATION 2025–26

CLASS: VI SUBJECT: MATHEMATICS

1	(c) 880 m	1
2	(c) $16/36$	1
3	(c) Compass	1
4	(c) 3	1
5	(b) 8	1
6	(d) 15 cm	1
7	(c) $5/6$	1
8	(c) 5	1
9	(b) 30°	1
10	(d) 4	1
11	(a) Radius	1
12	(d) Protractor	1
13	(c) Parallelogram	1
14	(c) Assertion (A) is true, but Reason (R) is false.	1
15	(a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).	1
16	(i) Side of square = $60/4 = 15$ cm	1
	(ii) Side of triangle with all sides of equal length = $60/3 = 20$ cm	1
17	(i) $37/13 = 2\frac{11}{13}$ (ii) $43/17 = 2\frac{9}{17}$ OR $2/3$ of $36 = 24$	1 1 2
18	Correct construction of square of side 6 cm.	2
19	H, I, O and X	2
20	Correct quadrilateral with rotational but no line symmetry (e.g. Parallelogram).	2
21	$-8 + 12 - 5 = -1$	2
22	In Group A, each child's share = $7/10$ In Group B, each child's share = $5/8$ Group A - $7/10 = 28/40$ and Group B - $5/8 = 25/40$ In Group A each child gets larger share.	1 1 1
23	(i) Clothing store = 5th floor (ii) Floors above ground = 6. (iii) Food court is at the highest floor. OR (i) +250 (ii) - 130 (iii) - 160	1 1 1
24	Area of room = 35 m^2	1

	Area of carpet = 16 m^2 Uncarpeted area = 19 m^2	1 1
25	Total lace bought = $2/7 + 3/8 = 37/56 \text{ m}$ Perimeter = 1 m Lace is not sufficient because $37/56 < 1$	2 1
26	Correct completion of figures showing line symmetry.	3
27	Perimeter = $2(l + b) = 64 \text{ m}$ Cost for fencing = $15 \times 64 = ₹960$ Area = $l \times b = 240 \text{ m}^2$ Cost for covering the garden with grass seeds = $5 \times 240 = ₹1200$ Additional length of wire = $3 \times 2 = 6 \text{ m}$	1 1 1 1 1
28	Correct construction and Steps.	3 + 2
29	(i) Marks got by Pratibha in Round 1 = $40 - 4 = 36$ (ii) Marks got by Pratibha in Round 2 = $25 - 6 = 19$ (iii) Marks got by Pratibha in Round 3 = $30 - 8 = 22$ Pratibha's total score = 77 OR (iii) Pratibha qualified for Level-2 because $77 > 70$	 1 1 2 1 1
30	Total pieces = 36 (i) Fraction of sandwich distributed = $22/36 = 11/18$ (ii) $\frac{2}{9}$ of 36 = 8 pieces = 2 sandwiches (iii) Fraction for remaining sandwiches = $6/36 = 1/6$ OR (iii) Rahul's share = $4/36 = 1/9$ Mohit's share = $12/36 = 1/3$	1 1 1 1 2