**KENDRIYA VIDYALAYA SANGTHAN RO JAIPUR**

**SESSION ENDING EXAM 2025-26**

### Class: VI Subject: Maths Set No.: SAMPLE PAPER

### ANSWER KEY

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| Q.No. | SECTION-A | Marks |
| 1 | (d) 2(length +breadth) | 1 |
|  | (d) 12 cm | 1 |
| 3 | (b) 2800m2 | 1 |
| 4 | (b) | 1 |
| 5 | (a) Infinite | 1 |
| 6 | (c) | 1 |
| 7 | (c) 2 | 1 |
| 8 | (a) Circle | 1 |
| 9 | (a)Radius | 1 |
| 10 | (d) Countless | 1 |
| 11 | (b) 2 | 1 |
| 13 | (a) positive number | 1 |
| 14 | (a)- 2 | 1 |
| 15 | (c) - 7 | 1 |
|  | SECTION-B |  |
| 16 | Perimeter of square = 4 x length of side  = 4 x 250 = 1000 m  Cost of fencing a square park = Rs 20 x 1000 m = Rs 20,000  OR  Perimeter of a rectangle = 2 x(length + breadth)  = 2 x (150 m + 120 m)  = 2 x 270 m = 540 m  Cost of fencing a rectangular park = Rs 40 x 540 m = Rs 21600 | 2 |
| 17 | Side of a square = Area of square / side  = 20/4 = 5 cm  OR  Area of a rectangle = length x breadth = 12 x 21 = 252 cm2 | 2 |
| 18 | 250 gm OR , , , , | 2 |
| 19 | 5 times  of a roti = + + + +  OR  (a) (b) | 2 |
| 20 | Properties of rectangle :   1. opposite sides that are equal in length 2. each angle are right angle(90°). | 2 |
| 21 | +5 -3 = 2 | 2 |
|  | SECTION-C |  |
| 22 | Perimeter of a rectangle = 2 x(length + breadth)  = 2 x (175 m + 125 m)  = 2 x 300 m = 600 m  Cost of fencing a rectangular park = Rs 12 x 600 m = Rs 7200  OR  Width of rectangle = area of rectangle / length = 36 /9 = 4 cm  Perimeter of a rectangle = 2 x(length + breadth)  = 2 x ( 9 + 4) = 2 x 13 = 26 cm | 3 |
| 23 | For correct diagram  OR  For correct diagram | 3 |
| 24 | For correct diagram  OR  For correct diagram | 3 |
| 25 | (i)4 lines of symmetry (ii) 4 lines of symmetry (iii) 4 lines of symmetry | 3 |
| 26 | Score of team A = - 40 +10 + 0 = - 30  Score of team B = 10 + 0 + (- 40) = 10 – 40 = -30  Both team scored equal. Yes we can add in any order.  OR  (a)2025 – 150 = 1875 (b) 2200 – 2025 = 175 | 3 |
|  | SECTION-D |  |
| 27 | (i) + = = (ii) 1 = + = =  (i)Anil would get **2/5 of a cake.** The total number of cakes, 2, is divided equally among the 5 children. Therefore, the fraction of cake each child receives is calculated as .  (ii)(a) (b) | 2  3 |
| 28 | (i)(a) 3 lines of symmetry (b) 2 lines of symmetry  (ii) (a) 3 lines of symmetry (b) 4 lines of symmetry (c) 6 lines of symmetry | 2  3 |
|  | SECTION-E |  |
| 29 | 1. Rectangle 2. Square 3. Perimeter of a rectangle = 2 x(length + breadth)   = 2x(30 + 10) = 2x40 = 80 cm   1. Area of grass garden = length x breadth = 20 x 10 = 200 cm2 | 1  1  1  1 |
| 30 | (i)The temperature of the places are as follows:  Lahulspiti= - 8°C , Srinagar = -2°C ,Shimla = 5 °C , Ooty = 14°C ,  Benguluru = 22 °C  (ii)The temperature difference between the hottest and the coldest places is = 22 °C – (- 8°C) = 30 °C  (iii) The temperature difference between Lahulspiti and Srinagar is =  = (- 8°C) – ( -2°C) = (-6°C) | 1  1  2 |
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