Q. No.	Correct Answer/Rubric
1	A
2	A
3	C
4	C
5	D
6	C
7	C
8	A
9	B
10	D
11	D
12	B
13	D
14	D
15	B
16	Award 2 marks if the student step 1) converts 5 metres to 500 centimetres. (1/2M); step2)Adds 500 cm and 75 cm to get the total ribbon length of 575 cm.(1/2 M);step3) Sets up and performs the correct division 575 ÷ 25. (1/2M); step 4) Provides the correct final answer 23 packages(1/2M). Award 1 mark if the student writes steps 1 and 2 correctly.
17	Award full 2 marks if the student writes step 1) Last two digits of 63051 = 51.(1/2 mark); step2) Since 51 is not divisible by 4, 63051 is not divisible by 4. (1/2 mark); step3) The nearest multiple of 4 above 51 is 52. (1/2 mark); step4) So, we must add 1 to 63051 to make it divisible by 4. (1/2 mark). Award 1 mark if the student writes Step 1 and Step 2 correctly.
18	Award full 4 marks if the student writes step 1) the maximum number of fruits in each basket will be the HCF of 150, 210, and 270. (1/2 mark), Step 2) Prime factors of 150 = 2 x 3 x 5^2; 210 = 2 x 3 x 5 x 7; 270 = 2 x 3^3 x 5(3 marks); Step 3) The common prime factors are 2,3, and 5. HCF(the greatest number of fruits in each basket) = 2 x 3 x 5 = 30(1/2 mark). Award 3 marks if the student writes Step 1 and writes the prime factors of all three numbers, with two written completely correct and the remaining one partially correct. Award 2 marks if the student writes Step 1 and writes the prime factors of two numbers, with one written completely correct and the other partially correct. Award 1 mark if the student writes Step 1 and writes the prime factors of any one number partially correct. Award zero marks if the student does not write anything.
19	Award full 4 marks if the student writes in part a) step 1) Find total weight of rice: 625×20=12500 kg(1mark), step 2) Calculate number of such loads: 12500÷2500=5(1mark) in part b) step 1) Cost for 24 chairs: 24×1,250=30,000 (1 mark), step 2) Chairs Ravi can buy with ₹25,000: Divide: 25000 ÷ 1250 = 20 chairs (1 mark). Award 3 marks if the student completes part a) and step 1 in part b), or completes part b) and step 1 in part a). Award 2 marks if the student completes either part (a) or part (b) correctly. Award 1 mark if the student completes step 1 in either part (a) or part (b). Award zero marks if the student does not write anything.

Q. No.	Correct Answer/Rubric
20	Award full 8 marks if the student writes in part a) step 1) Correct calculation of total cost 40 x 1200 = 48000(2 marks), step2) Correct subtraction from Rs. 78,592 to find money left 78,592 − 48,000 = Rs. 30,592(2 marks) in part b) Step 1: Find the difference between 65 and 56, 65 − 56 = 9(1 marks),Step 2: Multiply 7236 by this difference (9) 7236 × 9 = 65,124(2 marks), Step 3: This means the student's answer was greater than the correct answer by 65,124.(1 mark). Award 6 marks if the student completes part (a) fully, and completes step 1 of part (b) correctly, but in step 2 writes only the multiplication setup without calculation, (OR)The student completes part (b) fully and completes step 1 of part (a) correctly. Award 4 marks if the student completes either part (a) or part (b) correctly. Award 2 marks if the student completes step 1 in part (a) only, or step 1 and step 2 multiplication setup without calculation in part (b). (OR) Award full 8 marks if the student, in parts (a) and (b): Step 1: Draws the number line correctly (1 mark) Step 2: Shows the correct jumps on the number line (2 marks) Step 3: Writes the correct final position (1 mark). Award 6 marks if the student writes Steps 1, 2, and 3 in part (a) and only Step 1 in part (b),(OR) The student completes Steps 1, 2, and 3 in part (b) and only Step 1 in part (a). Award 4 marks if the student writes all steps in part (a) (OR) all steps in part (a). Award 2 marks if the student writes Steps 1 and 2 in part (a), or Steps 1 and 2 in part (b), or Step 1 in both part (a) and part (b).