Self Assessment Model Paper 2 (2025-26)
Maths - Grade 9

Q. No.	Correct Answer/Rubric
1	C
2	C
3	C
4	B
5	D
6	C
7	A
8	A
9	B
10	B
11	C
12	B
13	A
14	A
15	D
16	1)Award full marks if student did all steps correctly. Step1: Since PQ , RS , TU are parallel, the transversal cuts them so that x + y = 180°, given x = 3k, y =2k,(1mark). Step2: x + y = 3k + 2k = 5k = 180°, k = 36 x = 3k = 3 × 36 = 108°.(1mark) 2)Award 1marks if student did 1 step correctly. 3)Award no marks if student did all steps incorrectly or for any irrelevant answer.
17	1)Award full marks if student did all steps correctly. Step1: cost of a pen = ₹ x and cost of a book = ₹ y (1 mark) Step2: Formulating the correct linear equation 4x + 3y = 100. 2)Award 1 mark if student did 1 step correctly. 3)Award no marks if student did all steps incorrectly.
18	1)Award full marks if student wrote all postulates with diagrams correctly. Step1. A straight line may be drawn from any one point to any other point. Step2. A terminated line can be produced indefinitely in both directions. Step3. A circle can be drawn with any centre and any radius. Step4. All right angles are equal to one another. 2)Award 3 marks for four correct postulates but diagrams missing (OR) 3 correct postulates with diagrams. 3)Award 2 marks for only 2 correct postulates with or without diagrams. 4)Award 1 mark for at least 1 correct postulate written properly. 5)Award 0 marks if no valid postulate is written.
19	1)Award full marks if student did all steps correctly. Step1: substitute (2, 1),3 × 2 − 1 = 5 ,(2, 1) satisfies given equation.so (2, 1) is solution. Step2 : substitute (3, 4),3 × 3 − 4 = 5 ,(3, 4) satisfies given equation.so (3, 4) is solution. Step3 : substitute (0, −5),3 × 0 −(−5) = 0 + 5 = 5, (0, −5) satisfies given equation.so (0, −5) is solution. Step4 : substitute (4, 7),3 × 4 −7 = 12 − 7 = 5, (4, 7) satisfies given equation.so (4, 7) is solution. 2)Award 3 marks if student did 3 steps correctly. 3)Award 2 marks if student did 2 steps correctly. 4)Award 1 mark if student did 1 steps correctly. 5)Award no marks if student did all steps Incorrectly. or For any irrelevant answer.

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Q. No.	Correct Answer/Rubric
20	A) 1)(a) Award full marks if student did all steps correctly. Step1: Identify that ∠KOF = 90° is split into angles p and q. p + q = 90° Step2: Use the ratio p : q = 4 : 5, let p = 4x, q = 5x Step3: solve for x using p + q = 90° ,4x + 5x = 90°, 9x = 90°, x = 10°,p = 40°,q = 50° Step4: Use linear pair property to find r, r = 180° − p = 180° − 40° = 140° (b)Award full marks if student did all steps correctly. Step1:Given a + b = c+ d, we know that a + b+ c + d = 360°(1Mark). Step2: a + b+ a + b = 360°.(1mark), Step3: 2(a + b) = 360°.(1mark) Step 4 : a + b = 90°.POQ is a line. 2)(a)Award 3 marks if student did 3steps correctly. (b)Award 3 marks if student did 3steps correctly. 3)(a)Award 2 marks if student did 2 steps correctly. (b)Award 2 marks if student did 2 steps correctly. 4)(a)Award 1 mark if student did 1 step correctly.(b)Award 1 mark if student did 1 step correctly. 5)(a)Award no marks if student did all steps incorrectly or for any other irrelevant answer.(a)Award no marks if student did all steps incorrectly or for any other irrelevant answer.(b)Award no marks if student did all steps incorrectly or for any other irrelevant answer. B) 1)Award full marks if student written right answers for all questions. Step1: The coordinates of point A are (4, 7). Step2: The coordinates of point C are (− 3, 3). Step3: The Abscissa of point B is − 6. Step4: The ordinate of point D is − 2. Step5: Which point lies on the x - axis is (7, 0). Step6: Which point lies on the y - axis is (0, − 5). Step7: Name the point with coordinates (− 8, − 5) is H. Step8: Name the point with coordinates (− 4, 3) is G. 2)Award 7marks if student written right answers for 7 questions. Award 6 marks if student written right answers for 6 questions. 3)Award 5 marks if student written right answers for 5 questions. Award 4 marks if student written right answers for 4questions. 4)Award 3 marks if student written right answers 3 all questions. Award 2 marks if student written right answers for 2questions. 5)Award 1 mark if student written right answers for 1 question. Award no marks if student written wrong answers for all questions.