Self Assessment Model Paper 2 (2025-26)
Maths - Grade 7

Q. No.	Correct Answer/Rubric
1	A
2	C
3	B
4	B
5	A
6	B
7	B
8	C
9	D
10	B
11	A
12	C
13	B
14	A
15	C
16	Award full 2 marks if the student writes Step 1: Identifies that $\angle BAC = 90°$ (½ mark), Step 2: States the property: Exterior angle of a triangle = Sum of its two opposite interior angles (½ mark), Step 3: Forms the equation: $90° + y° = 128°$ (½ mark), Step 4: Solves for y: $y = 128° - 90° = 38°$ (½ mark). Award 1 mark if the student correctly writes Step 1 and Step 2 only.
17	Award full 2 marks if the student writes step 1) Identify and writes the same-side interior angles $\angle pqs = 72°$ and $\angle rsq = 108°$ (1 mark); step 2) $72° + 108° = 180°$(1/2 m); step 3) Since the sum is 180°, pq and rs are parallel by the same-side interior angles property. Award 1 mark if the student writes step 1 only.
18	Award full 4 marks if the student writes in part a) $5x+40=190$ (1M); in part b) step1) $5x=190-40$(1/2m), step2) $x= 150/5 = 30$(1/2 M); in part c) step1) form correct equation $y + 4y+30=250$(1M), step2) simplify and solve correctly y(Raj's earning) = Rs 44(1/2 m) and Ravi's earning = Rs 206(1/2 m) Award 3 marks if the student writes Part (a) correctly, Part (b) correctly, but in Part (c) equation is formed correctly without full simplification/solution. (OR) minor arithmetic error in Part (b) or (c) after correct setup. Award 2 marks if the student writes Part (a) correctly, but either Part (b) or Part (c) is missing or mostly incorrect (OR) correct equations formed in all parts, but no correct solutions Award 1 mark if the student writes Only Part (a) correct equation written. (OR) The attempt showed partial working, but was mostly incorrect. Award zero marks if the student does not write anything.
19	Award full 4 marks if the student writes in part a) step1) $\angle c = 80°$(1/2 mark), step2) $\angle c$ and the given 80° angle are vertically opposite angles.(1/2 mark); in part b) step1)$\angle a = 80°$(1/2 mark),step2)$\angle a$ and $\angle c$ are alternate interior angles, and l‖ m.(1/2 mark); in part c) step1) $\angle b = 80°$(1/2 mark), step2) $\angle a$ and $\angle b$ are corresponding angles.(1/2 mark); in part d) step 1)$\angle d = 100°$(1/2 mark), step 2)$\angle d$ supplementary angle, l ‖ m, and p is transversal.(1/2 mark) Award 3 marks if the student writes any three parts correctly — such as (a), (b), and (c); or (a), (b), and (d); or (b), (c), and (d); or (a), (c), and (d). Award 2 marks if the student writes any two parts correctly — such as (a) and (b); (a) and (d); (b) and (c); or (c) and (d). Award 1 mark if the student writes any one part correctly — such as (a), (b), (c), or (d). Award 0 mark if the student does not write any thing

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20	Award full 8 marks if the student writes in part a) step 1) Draw X-axis and Y-axis with proper labelling and appropriate scale (1 unit = 10 visitors) (1 mark), step2) Draw bars with correct heights matching the data values (3 marks)., in part b) Correct pair of days Monday and Thursday ; Tuesday and Wednesday(1 mark). In part c) calculate the average number of visitors from Monday to Friday: $(120 + 145 +140 + 125 +155) ÷ 5 = 137$ visitors (1 mark), in part d) Monday(1 mark), e) $225 - 120 = 105$(1 mark). Award 6 marks if the student completes Part a) and Part b) fully, and at least one of c), d), or e) Award 4 marks if the student completes Part a) fully and any one of b), c), d), or e). Award 2 marks if the student completes any one part correctly from b) to e), or makes partial mistakes, such as doing Step 1 correctly but drawing only 2 bars. (OR) Award full 8 marks if the student writes in part a) step 1) Draw X-axis and Y-axis with proper labelling and appropriate scale (1 cm = 50 kg)(1 mark); step 2) Draw bars with correct heights matching the data values for each year (2019 to 2022) — 4 marks (1 mark for each year). part b) Correctly calculate the year with the maximum increase in sales in 2021(1 mark). In part c) step 1) Correctly identify the fruit and year — 1 mark (Oranges, 2021). Step 2) Provide a correct explanation — 1 mark (Sales decreased from 450 kg to 380 kg). Award 6 marks if the student completes Part (a) correctly and calculates Part (b), OR completes Step 1 of Part (c). Award 4 marks if the student writes the scale correctly and draws double bars for only 3 years. Award 2 marks if the student writes the scale and draws the double bar for only one year.