Monyetla Bursary Project

Grade 11

Lesson 3: Maps and Plans Questions MEMO

QUESTION 1:

1.1.1	One unit on the diagram is equal to 50 000 of the same units in real life.	(2)
1.1.2	4 000 ÷ 11 x 9 = 3 272,73 m = 3, 23 km	(3)
1.1.3	5 ÷ 2,8 x 1 000 = 1 785,7 m = 1,79 km	(3)
1.2.1	35 x 125 000 = 4 375 000 cm = 43,75 km	(3)
1.2.2	25 km = 2 500 000 cm 2 500 000 ÷ 125 000 = 20 cm	(3)
		[14]

QUESTION 2:

2.1	Strip map / strip chart	(2)
2.2	455 km	(2)
2.3	Six N1, N3, N4, N5, N8, N12	(3)
2.4	N12	(2)
2.5	139 + 265 + 10 = 414 km	(3)
2.6	45 min = 0,75 hrs	(4)

	$speed = \frac{distance}{time}$	
	$= \frac{414}{4,75}$	
	= 87,16 km/h	

2.7	$\frac{1}{5} \times 100$	
	= 20%	(4)
		[20]

QUESTION 3:

3.1.1	B1	(2)
3.1.2	NW	(2)
3.1.3	Entertainment brochure	(2)
3.1.4	Wyndham's Theatre OR Hippodrome Casino London	(3)
3.1.5	• If you exit Leicester square station, turn right into Charing Cross Road. • Turn left into Little Newport Street. • Pass the crossing and keep straight until you reach Prince Charles Cinema on your left, on the corner of Little Newport Street and Leicester Road.	(3)
3.1.6	No. No scale was given for the map	(3)
3.2.1	They are the closest to the stage and therefore they experience the performance first hand with a close-up view of all the detail.	(3)
3.2.2	Cost = 50 x R250 = R12 500	(2)
3.2.3	Just less than 2 rows.	(2)
3.2.4	K23	(2)
3.2.5	11	(2)
3.2.6	Exit 6 It is the closest to the left side of Row I	(3)

3.2.7	$\frac{11}{487} \times 100 = 2{,}26\%$	(2)
		[30]