

Marking Schedule

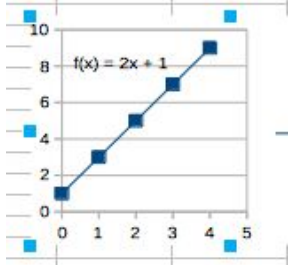
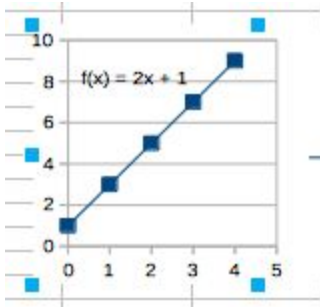
Section A

Question 1	Achieved	Merit	Excellence
a)	$18 \times 30 \times 15 = 8100 \text{cm}^3$		
b		Diameter = 50 Radius = 25 $\pi \times 25^2 = 1963.5 \text{m}^2$	
c	115 kg + - 15kg		
d		Step one $\pi \times 5^2 = 78.5 \dots$ Step two $78.5 \times 20 = 1570 \text{cm}^3$ Or 1570.8 cm^3	
Q2			
a	Perimeter $40 + 50 + 60 + 53.85 = 203.85$		
b			Step one: $(40 + 60) / 2 \times 50 = 2500 \text{cm}^2$ $2500 \times .1 = 250 \text{cm}^3$
Q3	3/6	4/6	5/6
A=3/6	200		
m=4/6	3500		
E=5/6	2.5		
	.2		
	300,000		
	3000		

Section B

Q1	Achieved	Merit	Excellence																								
a	<table border="1"> <thead> <tr> <th>No of social</th> <th>Tally marks</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>0</td> <td> </td> <td>1</td> </tr> <tr> <td>1</td> <td> </td> <td>4</td> </tr> <tr> <td>2</td> <td>Correct tally</td> <td>5</td> </tr> <tr> <td>3</td> <td></td> <td>7</td> </tr> <tr> <td>4</td> <td></td> <td>6</td> </tr> <tr> <td>5</td> <td></td> <td>3</td> </tr> <tr> <td>6</td> <td></td> <td>3</td> </tr> </tbody> </table>	No of social	Tally marks	Frequency	0		1	1		4	2	Correct tally	5	3		7	4		6	5		3	6		3		
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0		1																									
1		4																									
2	Correct tally	5																									
3		7																									
4		6																									
5		3																									
6		3																									
b	3																										
c			94																								
d	3																										
e		Correct number line and a dot plot																									
Q2																											
a	12																										
b	500+																										
c		$7+12+6=25$																									
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Section C

Q1	Achieved	Merit	Excellence		
1	1, 5, 9, 13, 17,21,25				
1b		1, 3, 7, 15...31,63,127 (x^2+1)			
2a		$P=2a-50$			
2b			$2000=2A-50$ equation properly solved		
3 a	All four corners black and the middle $4 \times 4 = 16$				
(M)					
X (no of roses)	0	1	2	3	4
y(Money)	1	3	5	7	9
3b					
3c			 <p>Graph</p>		
3d			 <p>Equation</p>		

Section D

Q1	Achieved	Merit	Excellence
a	$50 \times 20 = 1000$		
b	$3500 / 50 = 70$		
c	$273750000 / 365 = 750000$		
d		$1/5 \times 273750000 = 54750000$	
e		$1/4 \times 273750000 = 68437500$	
f			$60 \times 50 = 3000$ $273750000 / 3000$
Q2			
a	$8400 - 1200 = 7200$		
b			$1800 / (4 \times 0.045) = 10,000$
c		$14650 \times 0.85 = 12452.50$ Or 15% calculated and subtracted	