

Schedule for common paper 2017

Number

	Achieved	Merit	Excellence	Notes
Q1				Criteria to pass discuss N and S
a	14			
b	16			
c	15			
d		6 kg		
e			20	
f		If answer only 285 min a week	14280 min a year 247 hours a years	
Q2				
(a)				
(i)	21			
(ii)	3			
(iii)	3			
(iv)	19			
(v)		-64		
(vi)	2			
(b)	-14			
Q3				
(a)			\$900	
(b)	1/4			
(c)			1380	
Q4				
(a)		1.5 or 3/2		
(b)	90 minutes every day	90x 6 =540		

(c)		3		
<b>Q5</b>				
	Only cost \$2675	Just answers for Costs calculated \$2675 less 500 2175 Plus \$145 per week	All working steps shown with correct answers then (E)	
Algebra				
<b>Q1</b>				
(a)	30c			
(b)	4y			
(c)	20ab			
(d)		11y-5p		
(e)			4	
(f)		$z^5$		
(g)			$35b^2$	
(h)			$12^{17}$	
<b>Q2</b>				
(a)	5x-20			
(b)		$7x-x^2$		
(c)		22y+33		
(d)			$x^2+9x+20$	
<b>Q3</b>				
(a)	7(w-5)			
(b)		4y(y-4)		
(c)			$3w^3y^79w^2-6y^2$	
(d)			$(x+2)(x+3)$	
<b>Q4</b>				

(a)	9															
(b)		6283.185307cm <sup>2</sup> any correct rounding														
Q5																
(a)	y= 5															
(b)		x=27														
(c)			x=5													
(d)			3W=12 , W=4													
Q6																
		C = 50h+200														
	\$500															
		H = 4														
Q7																
			50= h+(h - 2) +( h-%) or 50 = 3h-7 h= 19 Hannah is 19, sister 17 and brother 14													
Q8																
(a)	14,17,21															
(b)		31,63,127														
(c)			25,36,49													
Q9																
(a)	Correctly plotted pattern															
(b)		<table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td></td> </tr> <tr> <td>1</td> <td>5</td> <td>9</td> <td>13</td> <td>17</td> <td></td> </tr> </table>	1	2	3	4	5		1	5	9	13	17			
1	2	3	4	5												
1	5	9	13	17												
(c)		s=4p-3														

(d)			15	
Q10				
(a)	Correctly plotted graph			
(b)		82		
(c)			$B=6W+22$	