

Sequence	Question	Marks	Time (s)					Time (m)	Module	Topic	Cognitive Level
1	1.1 (a)	6	216	3	36	3	36	3:36	1B	Absolute Value	K
2	1.1 (b)	5	180	3	0	3		3:00	1B	Exponents and logarithms	R
3	1.1 (c)	7	252	4	12	4	12	4:12	1B	Absolute Value	R
4	1.2	4	144	2	24	2	24	2:24	1B	Real and Complex roots	C
5	1.2	4	144	2	24	2	24	2:24	1B	Real and Complex roots	R
6	1.3 (a)	7	252	4	12	4	12	4:12	1B	Real and Complex roots	R
7	1.3 (b)	3	108	1	48	1	48	1:48	1B	Real and Complex roots	R
8	2.1 (a)	6	216	3	36	3	36	3:36	1A	Drawing functions	K
9	2.1 (b) (i)	2	72	1	12	1	12	1:12	1A	Absolute Value	K
10	2.1 (b) (i)	2	72	1	12	1	12	1:12	1A	Drawing functions	K
11	2.1 (b) (ii)	2	72	1	12	1	12	1:12	1A	Absolute Value	K
12	2.1 (b) (ii)	2	72	1	12	1	12	1:12	1A	Drawing functions	K
13	2.2	3	108	1	48	1	48	1:48	1B	Absolute Value	R
14	2.2	3	108	1	48	1	48	1:48	1B	Drawing functions	R
15	3.1	6	216	3	36	3	36	3:36	1B	Functions and limits	C
16	3.2	8	288	4	48	4	48	4:48	1A	Drawing functions	K
17	3.3	8	288	4	48	4	48	4:48	1A	Differentiation	R
18	4.1 (a)	2	72	1	12	1	12	1:12	1A	Functions and limits	K
19	4.1 (b)	4	144	2	24	2	24	2:24	1A	Functions and limits	R
20	4.1 (b)	4	144	2	24	2	24	2:24	1A	Differentiation	R
21	4.2 (a)	6	216	3	36	3	36	3:36	1A	Differentiation	R
22	4.2 (b)	4	144	2	24	2	24	2:24	1A	Differentiation	R
23	5.1 (a)	2	72	1	12	1	12	1:12	1A	Differentiation	R
24	5.1 (a)	4	144	2	24	2	24	2:24	1A	Application (Max / min; rates of change; Volume and area)	R
25	5.1 (b)	4	144	2	24	2	24	2:24	1A	Application (Max / min; rates of change; Volume and area)	C
26	5.1 (c)	2	72	1	12	1	12	1:12	1A	Application (Max / min; rates of change; Volume and area)	R
27	5.2 (a)	4	144	2	24	2	24	2:24	1A	Trigonometry	R
28	5.2 (b)	6	216	3	36	3	36	3:36	1A	Trigonometry	C
29	6	12	432	7	12	7	12	7:12	1B	Induction	C
30	7.1	4	144	2	24	2	24	2:24	1B	Exponents and logarithms	R
31	7.2	6	216	3	36	3	36	3:36	1B	Exponents and logarithms	C
32	8	4	144	2	24	2	24	2:24	1A	Application (Max / min; rates of change; Volume and area)	P
33	8	4	144	2	24	2	24	2:24	1A	Integration	P
34	9.1	5	180	3	0	3		3:00	1A	Integration	R
35	9.2	7	252	4	12	4	12	4:12	1A	Integration	C
36	9.3	10	360	6	0	6		6:00	1A	Integration	C
37	10.1	4	144	2	24	2	24	2:24	1A	Functions and limits	R
38	10.1	4	144	2	24	2	24	2:24	1A	Differentiation	P
39	10.2	4	144	2	24	2	24	2:24	1A	Trigonometry	C
40	10.2	4	144	2	24	2	24	2:24	1A	Differentiation	C
41	11.1	4	144	2	24	2	24	2:24	1A	Trigonometry	P
42	11.1	4	144	2	24	2	24	2:24	1A	Application (Max / min; rates of change; Volume and area)	P
43	11.2	4	144	2	24	2	24	2:24	1A	Application (Max / min; rates of change; Volume and area)	C

SPREAD OF TOPICS			
Module	Topic	Required (+5)	Actual
1A	Functions and limits	20	16
1A	Trigonometry	15	18
1A	Differentiation	35	32
1A	Integration	30	26
1A	Drawing functions	20	21
1A	Application (Max / min; rates of	20	0
1B	TOTAL	140	113
1B	Real and Complex roots	15	18
1B	Exponents and logarithms	15	15
1B	Absolute Value	20	20
1B	Induction	10	12
	TOTAL	60	65
	GRAND TOTAL	200	178

SPREAD OF COGNITIVE LEVELS			
Abbr.	Category	Desired weight	Actual weight
K	Knowing	12-18%	15
R	Performing Routine procedures	37-43%	41.5
C	Performing Complex procedures	30-36%	33.5
P	Solving problems	7-13%	10
	TOTAL	100%	100

Module	Topic	Mark distribution (±5)
1A	Functions and limits	20
	Trigonometry	15
	Differentiation	35
	Integration	30
	Drawing functions	20
	Applications (Max / min; Rates of change; Volume and area)	20
	Total	140
1B	Real and Complex roots	15
	Exponents and logarithms	15
	Absolute Value	20
	Induction	10
	Total	60

Category	Knowing	Performing Routine Procedures	Performing Complex Procedures	Solving problems
Weight (%)	12–18%	37–43%	30–36%	7–13%