

2 Mark Questions

Exercise

Example

1.1	1 (iii) (PTA-1), 2 (MAY-22), 3 (APR-23)	1.1 (iii) (SEP-21), 1.2 (AUG-22, SEP-20)	
1.2	3 (JUN-23, PTA-5), 2 (SEP-21)	1.5 (MAY-22), 1.7 (PTA-1), 1.15 (ii) (PTA-3),	
1.4	5 (SEP-20)	1.5	1 (i) (JUN-23)
2.1	2 (PTA-2)	1.17 (ii) (PTA-6), 1.22 (ii) (APR-23, PTA-4)	
2.2	4 (MAY-22), 9 (JUN-23, AUG-22), 2 (SEP-20)	2.9 (PTA-3), 2.15 (MDL),	
2.3	2 (PTA-2)	2.7	4 (APR-23)
2.5	4 (AUG-22, MDL), 5 (MAY-22), 6 (PTA-1), 7 (AUG-22), 8 (SEP-21, PTA-3, 5), 10 (PTA-4)	2.16 , 2.26 (SEP-21), 2.41 (i) (PTA-5), 2.55 (iii) (PTA-6), 2.58 (PTA-2), 2.42 (JUN-23)	
3.3	2 (i) (PTA-6)	3.5	5 (PTA-2)
3.6	4 (PTA-4)	3.7	1(i) (AUG-22)
3.9	1(i) (SEP-21), (iii) (PTA-4)	3.14 (ii) (MAY-22), 3.19 (ii) (PTA-5)	
3.12	1 (PTA-6)	3.13	1(i) (SEP-21, JUN-23)
3.17	4 (PTA-2), 5 (SEP-20), 6 (JUN-23)	3.26 (PTA-6), 3.63 (PTA-3), 3.28 , 3.36 (PTA-1)	
3.18	4 (PTA-5), 5 (PTA-5)	3.19	2 (PTA-1)
4.2	1(i) (SEP-21)	4.1(i) (PTA-1), 4.8 (PTA-2), 4.14 (PTA-4),	
4.3	1 (AUG-22)	4.15 (PTA-5, MAY-22), 4.16 (APR-23, PTA-3), 4.22 (MDL)	
5.2	2 (ii) (PTA-3), 3(i) (JUN-23, AUG-22), (ii) (PTA-2), 5 (SEP-21)	5.2 (PTA-4, MAY-22), 5.3 (AUG-22)	
5.3	10 (MAY-22), 13 (SEP-21)	5.9 (iii) (SEP-20), 5.11 (AUG-22, MAY-22)	
5.4	4 (APR-23), 8 (JUN-23)	5.19 (SEP-21), 5.33 (PTA-5), 5.34 (JUN-23)	
6.1	3(i) (SEP-20), (ii) (JUN-23)	6.1 (JUN-23), 6.6 (APR-23)	
6.2	1 (AUG-22, PTA-2, SEP-21)	6.19 (PTA-1), 6.26 (PTA-3)	
6.3	1 (PTA-6, MAY-22),	7.2 (JUN-23), 7.5 (APR-23)	
7.1	1 (APR-23, AUG-22), 7 (PTA-7)	7.6 (AUG-22), 7.8 (SEP-20)	
7.2	2 (SEP-20), 3 (AUG-22), 6 (PTA-4), 7 (APR-23), 8 (PTA-6)	7.15 (SEP-21), 7.19 (JUN-23, PTA-1) 7.23 (PTA-5), 7.30 (PTA-3)	
8.1	1(i) (APR-23, SEP-20), 7 (JUN-23, PTA-6)	8.2 (PTA-5), 8.3 (PTA-4), 8.15 (PTA-3)	
8.3	2 (PTA-4)	8.4	1 (PTA-1)
		8.20 (MAY-22), 8.23 (JUN-23, SEP-21) 8.32 (APR-23, PTA-6)	

5 Mark Questions				
Exercise				Example
1.1	6 (i) (JUN-23, PTA-2) , 6 (ii) (PTA-5, SEP-21), 7 (i) (SEP-20), 7 (ii) (MAY-22)			1.11 (PTA -3,SEP-20) 1.23 (PTA-5) 1.15 (MDL)
1.2	4 (ii) (AUG-22)	1.3	10 (PTA-4)	
1.4	2 (APR-23), 10 (ii), (iv) (PTA-4), 11 (PTA-3), 12 (PTA-1)			
1.5	4 (PTA-2), 7 (PTA-6), 8 (iii) (PTA-2)			
2.1	7 (AUG-22)			2.6 (SEP-21),
2.5	11 (SEP-21), 12 (MAY-22, MDL)			2.13 (i) , 2.28 (MAY-22)
2.7	10 (PTA-6)			2.38 (APR-23, PTA-2),
2.8	6 (ii) (JUN-23), 7 (PTA-3), 10 (PTA-1)			2.39 (MDL),
2.9	1 (vi) (PTA-5), 6 (JUN-23, PTA-1)			2.51 (APR-23, PTA-4)
3.1	1 (i) (SEP-21, PTA-5), 1(iii) (APR-23), 3 (PTA-2)			
3.2	1(i) (SEP-20)			3.21 (SEP-21), 3.22 (PTA-5),
3.5	3(ii) (AUG-22), (iii) (APR-23), 4 (PTA-3)			3.32 (AUG-22),
3.8	1(i) (AUG-22), (iv) (JUN-23), 2(i) (PTA-4), 3 (MAY-22)			3.35 (MAY-22), 3.46 (MDL),
3.11	1(ii) (PTA-3)	3.12	4 (PTA-4)	
3.13	5 (PTA-6)	3.14	4 (PTA-6, MAY-22)	
3.18	7 (PTA-4)	3.19	12 (APR-23, PTA-3), 13 (JUN-23)	
4.1	4 (PTA-6), 9 (PTA-5)			4.9 (APR-23), 4.23 (MAY-22)
4.2	8 (i) (SEP-20), (ii) (JUN-23), 9 (PTA-2)			4.25 (MDL)
4.3	5 (PTA-3), 7 (PTA-6)	4.4	9 (PTA-4)	
5.1	5(i) (JUN-23), 6 (PTA-5, SEP-20), 9 (PTA-2)			5.4 (SEP-21), 5.6 (AUG-22, APR-23),
5.2	8 (PTA-6), 13 (MAY-22)			5.15 (PTA-4)
5.3	8 (APR-23), 9 (SEP-21, PTA-6)	5.4	11 (PTA-3)	
6.1	7(ii) (PTA-3)			6.5, 6.13 (PTA-6), 6.18 (MDL)
6.2	3 (AUG-22)			6.21 (JUN-23, PTA-5, SEP-21)
6.3	3 (SEP-20), 5 (APR-23)			6.22 (MAY-22), 6.29 (PTA-1)
7.2	10 (MAY-22)			7.1 (AUG-22), 7.5 (PTA-3), 7.9 (MAY-22)
7.3	2 (MAY-22)			7.22 (MDL), 7.23 (SEP-21), 7.24 (SEP-21), 7.26 (APR-23),7.27(PTA-1), 7.29 (JUN-23), 7.31 (PTA-5,6)
8.1	13 (PTA-5)	8.2	5 (JUN-23)	
8.3	3 (PTA-3), 7 (APR-23, AUG-22, SEP-20), 8 (PTA-5), 9 (AUG-22)			8.12 (PTA-1), 8.16 (PTA-5), 8.19 (SEP-21),8.21, 8.30 (PTA-4), 8.31 (PTA-1,4, MAY-22)
8.4	3 (PTA-2), 6 (JUN-23), 11 (PTA-2,6)			

COLLECTION OF PUBLIC QUESTIONS

CHAPTER	JUNE 2023 (7012)			MARCH 2023 (6612)			JULY 2022 (6312)		
	2 MARKS	3 MARKS	5 MARKS	2 MARKS	3 MARKS	5 MARKS	2 MARKS	3 MARKS	5 MARKS
1	1.1 - 9	1.3 - 1(i)	1.25	1.11	1.1 - 3	1.5 - 4	---	1.9, 1.2-1(iv)	1.4 - 1(iii)
2	2.24	Tri. Ineq.	2.7 - 6	2.13, CREATED	2.7	2.34	2.3 - 2(i)	2.17	2.4 - 7(i)
3	---	3.30	3.18	3.1 - 9	CREATED	3.5 - 7	CREATED	CREATED (3.16)	---
4	---	4.1 - 7	4.28	---	4.2 - 7	4.22	CREATED	---	4.1 - 7
5	5.22	5.4 - 7	5.1 - 6	5.12	5.16, 5.31	5.2 - 8(v)	---	5.1-11(ii)	5.2 - 5(i)
6	6.49	6.4	6.3 - 4(i), 6.5 - 7	6.6 - 1	6.28	6.19, 6.7 - 5	6.30	6.1 - 11	6.1 - 9, C.E.(6.7)
7	7.47	7.8 - 1	7.1 - 3, 7.5 - 10	7.11	8.1-2(i)	7.18, CREATED	7.2 - 5(i)	7.40	7.5, 7.8 - 9
8	8.1 - 7	8.4 - 4	8.22	8.7	---	---	8.2 - 2(ii)	8.2 - 10	---
9	9.7 - 1	---	9.59	9.35	---	CREATED	---	CREATED (9.4 - 1)	9.49, AREA
10	10.2 - 2	10.8 - 2	10.11	---	10.5-4(viii)	10.7 - 9, 10.8 - 5	10.4 - 1(ii), CREATED	---	10.7 - 3
11	11.6	---	11.21	---	---	11.3 - 3	11.2-6(i), 11.3-3(i)	---	11.2 - 7
12	12.8	12.18	12.1 - 9	12.8	12.2 - 10	12.2 - 15	---	12.6	12.2-7(iii)

COLLECTION OF PUBLIC QUESTIONS

CHAPTER	MARCH 2022 (5912)			MARCH 2021 (4712)			SEP 2020 (4162)			MARCH 2020 (3262)		
	2 MARKS	3 MARKS	5 MARKS	2 MARKS	3 MARKS	5 MARKS	2 MARKS	3 MARKS	5 MARKS	2 MARKS	3 MARKS	5 MARKS
1	---	1.2 - 2(ii), 1.22	CREATED	---	1.1 - 6, 1.2 - 1(v)	CREATED (Cramer's Rule)	---	1.9 & 1.1 - 6	1.6 - 1(iii)	---	1.8	1.32
2	Property Re(z); Im(z)	2.5 - 3	2.6 - 3(iii)	2.7	2.14	2.6 - 1	CREATED & 2.6 - 3(iii)	---	Arg (Product) Property	2.4 & CREATED	---	2.8 - 4
3	3.9	CREATED	---	CREATED	3.1 - 1	---	3.1 - 8	3.19	---	---	3.7	---
4	4.8	---	4.4 - 2(iii)	4.1 - 5	---	4.2 - 8(ii)	4.8	---	Graph of tanx, its inv. &	4.1 - 4(ii)	---	Graph of cosx & its inv.
5	---	CREATED	5.16, 5.31	---	5.2 - 1(i)	CREATED (5.2 - 5) & 5.5 - 9	---	5.1 - 7	5.26 & 5.5 - 7	CREATED	5.33	5.10 & 5.5 - 8
6	6.19	6.11	6.1 - 10, 6.7 - 2	6.2 - 6	(6.1 - 12)	6.1 - 9	6.3 - 8	6.4	6.1 - 9 & 6.7 - 4	6.11	6.27 CREATED	6.3 & 6.43
7	7.12	7.5 - 2	CREATED (7.60) 7.15	7.42	(7.2 - 2)	7.1 - 2, 7.8 - 2	7.35	7.1 - 1(i)	7.8 - 8 & CREATED	7.20	CREATED	7.1 - 10 & CREATED
8	8.2 - 2(i)	8.2 - 7	---	8.6	CREATED	---	CREATED	CREATED	---	8.2 - 2(i)	8.4 - 4	---
9	---	CREATED	9.26, 9.8 - 1	---	CREATED (9.29)	9.3 - 1(iii)	9.3 - 1(i)	---	CREATED (Area)	CREATED	---	9.30, 9.53
10	CREATED, 10.5 - 4(i)	---	10.11	10.5 - 4(i)	---	10.5 - 4(v)	CREATED	---	10.8 - 9 & CREATED	10.5	---	10.5 - 1 10.29
11	CREATED, 11.1 - 1	---	CREATED (11.14)	11.3 - 6, 11.3 - 1	---	11.2 - 6	---	CREATED & 11.21(i)	11.5 - 8	---	11.10(i) CREATED	CREATED
12	---	12.1 - 3	12.2 - 14	CREATED	12.1 - 5(i)	12.2 - 8(ii)	12.1(ii)	CREATED	---	Thm.12.1	12.17	---