

REVISION GUIDE

<<Study planner for Revision / Model -1 exam>>

(IMPORTANT QUESTIONS - I)**SET - 1**

Day - 1	Evening	Chapter 11 and 12 Book Back MCQ Theorems	5 hours
Day - 2	Morning	Chapter 6	3.5 hours
	Afternoon	Chapter 7	3.5 hours
	Evening	Chapter 9	3 hours
Day - 3	Morning	Chapter 1 and 2	4 hours
	Afternoon	Chapter 10	3 hours
	Evening	Chapter 3 and 4	2.5 hours
Day - 4	Morning	Chapter 5	1.5 hours

CHAPTER 1 (2hours)

Example	4, 7, 24, 29,
Ex 1.1	3, 4, 12, 13,
Ex 1.2	3(ii), 2(ii), 1(iii),
Ex 1.3	
Ex 1.4	1(iv), 2,
Ex 1.5	2, 4
Ex 1.6	2, 3
Ex 1.7	3

CHAPTER 2 (2 hours)

Example	3, 5, 12, 15, 17, 27, 30, 33, 35,
Ex 2.1	
Ex 2.2	
Ex 2.3	
Ex 2.4	4
Ex 2.5	9,
Ex 2.6	1,

Ex 2.7	3, 5,
Ex 2.8	3,4,6

CHAPTER 3 (1 hour)

Example	4, 20, 24, 28,
Ex 3.1	9,
Ex 3.2	2,
Ex 3.3	6
Ex 3.4	
Ex 3.5	3,
Ex 3.6	1

CHAPTER 4 (1.5 hours)

Example	11, 14, 19, 23, 29,
Ex 4.1	3, 5
Ex 4.2	2, 7
Ex 4.3	2(i),
Ex 4.4	
Ex 4.5	5,

CHAPTER 5 (1.5 hours)

Example	10, 15, 31, 37,
Ex 5.1	8,
Ex 5.2	8(v)
Ex 5.3	
Ex 5.4	3, 7
Ex 5.5	1, 3, 4, 9

CHAPTER 6 (3.5 hours)

Example	3, 7, 19, 27, 28, 32, 42, 55,
Ex 6.1	3, 4, 11,
Ex 6.2	9
Ex 6.3	2, 4
Ex 6.4	4

Ex 6.5	3, 5, 7
Ex 6.6	3
Ex 6.7	1,2, 4,
Ex 6.8	4
Ex 6.9	4, 6,

CHAPTER 7 (3.5 hours)

Example	2, 7, 10, 17, 37, 42, 43, 52, 69,
Ex 7.1	7,8,9,
Ex 7.2	9,
Ex 7.3	5(i), 6, 9,
Ex 7.4	1(v)
Ex 7.5	4,11
Ex 7.6	1(iii), 2(iv),
Ex 7.7	1(iii), 2(iii)
Ex 7.8	1, 3, 4, 6, 7, 8,
Ex 7.9	1(iii)

CHAPTER 8 (1.5 hours)

Example	7, 17, 16,
Ex 8.1	2(i), 7
Ex 8.2	4, 6, 10
Ex 8.3	2
Ex 8.4	6, 8,
Ex 8.5	
Ex 8.6	2, 7,
Ex 8.7	3,4,

CHAPTER 9 (3 hours)

Example	2, 7, 8, 16, 18, 26, 28, 30, 36, 39, 42, 44,49,52, 62,
Ex 9.1	1(i)
Ex 9.2	

Ex 9.3	2(iii), 2(vi), 2(viii),
Ex 9.4	
Ex 9.5	
Ex 9.6	1(iv)
Ex 9.7	1(ii),
Ex 9.8	6, 7
Ex 9.9	6

CHAPTER 10 (3 hours)

Example	1,10,11,16,20,25,
Ex 10.1	
Ex 10.2	
Ex 10.3	3,4,6
Ex 10.4	2
Ex 10.5	1, 4(vi), 4(ix),
Ex 10.6	1,3,8
Ex 10.7	3, 7,12,13,
Ex 10.8	1,2,4,5,6,7,8,10,

CHAPTER 11(2 hours)

Example	3, 6, 12,13,14,18
Ex 11.1	6,
Ex 11.2	1,2,3,5,6,
Ex 11.3	3,6,
Ex 11.4	3, 4, 8,
Ex 11.5	2, 4, 6,

CHAPTER 12 (1 hour)

Example	9,16, 19,
Ex 12.1	8,9,
Ex 12.2	10, 12, 14

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<<Study planner for Revision / Model -2 exam>>

(IMPORTANT QUESTIONS - II)**SET - 2**

Day - 1	Evening	Chapter 11 and 12 Book Back MCQ Theorems	5 hours
Day - 2	Morning	Chapter 6	3.5 hours
	Afternoon	Chapter 7	3 hours
	Evening	Chapter 9	3 hours
Day - 3	Morning	Chapter 1 and 2	4 hours
	Afternoon	Chapter 10	3 hours
	Evening	Chapter 3 and 4	2.5 hours
Day - 4	Morning	Chapter 5	1.5 hours

CHAPTER 1 (2 hours)

Example	33, 34, 39, 40
Ex 1.1	5,8,9,15,
Ex 1.2	3(iii), 2(iii), 1(v),
Ex 1.3	2, 4
Ex 1.4	3
Ex 1.5	3
Ex 1.6	1(iii), 1(iv),
Ex 1.7	

CHAPTER 2 (2 hours)

Example	4, 8, 14, 16, 18, 28, 31(i), 34, 36,
Ex 2.1	
Ex 2.2	
Ex 2.3	
Ex 2.4	7
Ex 2.5	
Ex 2.6	2,

Ex 2.7	1(iv), 4, 6,
Ex 2.8	4

CHAPTER 3 (1 hour)

Example	15, 17, 19,
Ex 3.1	7,
Ex 3.2	4,
Ex 3.3	1
Ex 3.4	2,
Ex 3.5	5(i), 6
Ex 3.6	5

CHAPTER 4 (1.5 hours)

Example	15, 16, 20,
Ex 4.1	2,4
Ex 4.2	3,
Ex 4.3	2(ii),
Ex 4.4	
Ex 4.5	6, 10,

CHAPTER 5 (1.5 hours)

Example	30, 34,
Ex 5.1	5, 6, 11(iv),
Ex 5.2	8(vi)
Ex 5.3	
Ex 5.4	1,8
Ex 5.5	2, 7, 8,

CHAPTER 6 (3.5 hours)

Example	5, 6, 16, 22, 33, 35, 37, 45,48, 56,
Ex 6.1	7, 13,
Ex 6.2	5,
Ex 6.3	6,
Ex 6.4	6, 9

Ex 6.5	2, 4
Ex 6.6	6
Ex 6.7	5, 6, 7
Ex 6.8	1
Ex 6.9	3, 8

CHAPTER 7 (3 hours)

Example	4, 6, 9, 30, 40, 44, 53, 57, 61, 70
Ex 7.1	10
Ex 7.2	3, 5(ii), 10,
Ex 7.3	5(ii), 10
Ex 7.4	3,
Ex 7.5	8,10
Ex 7.6	1(iv) , 2(v)
Ex 7.7	1(ii) , 2(ii) ,
Ex 7.8	5, 9, 12
Ex 7.9	1(iv)

CHAPTER 8 (1.5 hours)

Example	15, 20, 22
Ex 8.1	2(ii), 6
Ex 8.2	7
Ex 8.3	6
Ex 8.4	4, 9,
Ex 8.5	1, 4
Ex 8.6	5, 9
Ex 8.7	2, 6

CHAPTER 9 (3 hours)

Example	3, 12, 15, 19, 27, 29, 38, 41, 45, 50, 54, 55, 63,
Ex 9.1	
Ex 9.2	1(ii)
Ex 9.3	2(x), 2(ii), 2(ix),

Ex 9.4	
Ex 9.5	1(ii)
Ex 9.6	1(iv), 1(v), 1(vii),
Ex 9.7	2
Ex 9.8	5,
Ex 9.9	5

CHAPTER 10 (3hours)

Example	4,6,15,22,25,26,27,28,29,30
Ex 10.1	1
Ex 10.2	2
Ex 10.3	7, 8
Ex 10.4	4, 6,
Ex 10.5	2, 4(i), 4(iii),
Ex 10.6	2,6,7,
Ex 10.7	9,14,15, 9,
Ex 10.8	3,6

CHAPTER 11 (2hours)

Example	4, 7,9,10,15,16,21,
Ex 11.1	3,
Ex 11.2	4,7
Ex 11.3	2,4,5,
Ex 11.4	5,6,7
Ex 11.5	5,8,9,

CHAPTER (1 hour)

Example	2,3,10,
Ex 12.1	10
Ex 12.2	6(iv), 15

Important Theorem / Results :

1. Reversal Law of Inverses.
2. Law of double inverse.
3. State and prove triangle inequality.
4. Complex Conjugate root theorem.
5. Graph of $\sin^{-1} x$.
6. Graph of $\cos^{-1} x$.
7. The equation of a circle with (x_1, y_1) and (x_2, y_2) as extremities of one of the diameters of the circle is $(x-x_1)(x-x_2) + (y-y_1)(y-y_2) = 0$.
8. The sum of the focal distances of any point on the ellipse is equal to the length of the major axis.
9. State and prove Jacobi's identity.
10. State and prove Lagrange's identity.
11. Properties of Distribution function.
12. State and prove the properties of Mathematical expectation.
13. Uniqueness of Identity.
14. Uniqueness of inverse.

