

unit - 1	Applications of Matrices and Determinants				
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
Exercise - 1.1 Examples			Eg: 1.19	3 Mark	
Eg: 1.1	5 Mark		Eg: 1.20	5 Mark	
Eg: 1.2			Eg: 1.21	5 Mark	
Eg: 1.3	3 Mark		Exercise - 1.2		
Eg: 1.4	2 Mark		1(i)	2 Mark	
Eg: 1.5	3 Mark		1(ii)	2 Mark	
Eg: 1.6	3 Mark		1(iii)	2 Mark	
Eg: 1.7	2 Mark		1(iv)	3 Mark	
Eg: 1.8	3 Mark		1(v)	3 Mark	
Eg: 1.9	3 Mark		2(i)	3 Mark	
Eg: 1.10	3 Mark		2(ii)	3 Mark	
Eg: 1.11	2 Mark		2(iii)	3 Mark	
Eg: 1.12	5 Mark		3(i)	5 Mark	
Exercise - 1.1			3(ii)	5 Mark	
1(i)	2 Mark		3(iii)	5 Mark	
1(ii)	3 Mark		Exercise - 1.3 Examples		
1(iii)	3 Mark		Eg: 1.22	3 Mark	
2(i)	2 Mark		Eg: 1.23	5 Mark	
2(ii)	3 Mark		Eg: 1.24	5 Mark	
2(iii)	3 Mark		Exercise - 1.3		
3	5 Mark		1(i)	3 Mark	
4	3 Mark		1(ii)	3 Mark	
5	3 Mark		1(iii)	5 Mark	
6	3 Mark		1(iv)	5 Mark	
7	3 Mark		2	5 Mark	
8	3 Mark		3	5 Mark	
9	2 Mark		4	5 Mark	
10	3 Mark		5	5 Mark	
11	3 Mark		Exercise - 1.4 Examples		
12	3 Mark		Eg: 1.25	5 Mark	
13	3 Mark		Eg: 1.26	5 Mark	
14	5 Mark		Exercise - 1.4		
15	5 Mark		1(i)	3 Mark	
Exercise - 1.2 Examples			1(ii)	3 Mark	
Eg: 1.13	3 Mark		1(iii)	5 Mark	
Eg: 1.14	3 Mark		1(iv)	5 Mark	
Eg: 1.15(i)	3 Mark		2	3 Mark	
Eg: 1.15(ii)	3 Mark		3	5 Mark	
Eg: 1.16	2 Mark		4	5 Mark	
Eg: 1.17	3 Mark		5	5 Mark	
Eg: 1.18	3 Mark		M.VIGNESH.M.Sc.,B.Ed.,		

unit - 1			unit - 2 - Complex Numbers		
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
Exercise - 1.5 Examples			Exercise - 2.1		
Eg: 1.27	5 Mark		1	2 Mark	
Eg: 1.28	5 Mark		2	2 Mark	
Exercise - 1.5			3	2 Mark	
1(i)	5 Mark		4	2 Mark	
1(ii)	5 Mark		5	2 Mark	
2	5 Mark		6	2 Mark	
3	5 Mark		Exercise - 2.2 Examples		
4	5 Mark		Eg : 2.2	3 Mark	
Exercise - 1.6 Examples			Exercise - 2.2		
Eg: 1.29	5 Mark		1(i)	2 Mark	
Eg: 1.30	5 Mark		1(ii)	2 Mark	
Eg: 1.31	5 Mark		1(iii)	2 Mark	
Eg: 1.32	5 Mark		1(iv)	2 Mark	
Eg: 1.33	5 Mark		1(v)	2 Mark	
Eg: 1.34	5 Mark		1(vi)	2 Mark	
Exercise - 1.6			2(i)	3 Mark	
1(i)	5 Mark		2(ii)	3 Mark	
1(ii)	5 Mark		3	3 Mark	
1(iii)	3 Mark		Exercise - 2.3		
1(iv)	5 Mark		1(i)	3 Mark	
2	5 Mark		1(ii)	3 Mark	
3	5 Mark		2(i)	3 Mark	
Exercise - 1.7 Examples			2(ii)	3 Mark	
Eg: 1.35	5 Mark		3	3 Mark	
Eg: 1.36	5 Mark		Exercise - 2.4 Examples		
Eg: 1.37	5 Mark		Eg : 2.3	2 Mark	
Eg: 1.38	5 Mark		Eg : 2.4	3 Mark	
Eg: 1.39	2 Mark		Eg : 2.5	2 Mark	
Eg: 1.40	5 Mark		Eg : 2.6	2 Mark	
Exercise - 1.7			Eg : 2.7	2 Mark	
1(i)	5 Mark		Eg :2.8(i)	2 Mark	
1(ii)	5 Mark		Eg :2.8(ii)	3 Mark	
2	5 Mark		Exercise - 2.4		
3	2 Mark		1(i)	2 Mark	
Exercise - 1.8 (1 - 25 One Marks)			1(ii)	2 Mark	
Exercise - 2.1 Examples			1(iii)	2 Mark	
Eg : 2.1(i)	2 Mark		2(i)	2 Mark	
Eg : 2.1(ii)	2 Mark		2(ii)	2 Mark	
Eg : 2.1(iii)	2 Mark		2(iii)	2 Mark	
Eg : 2.1(iv)	2 Mark		3	2 Mark	Each

unit - 2		Complex Numbers			
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
4	3 Mark		Exercise - 2.6		
5(i)	2 Mark		1	3 Mark	
5(ii)	2 Mark		2	5 Mark	
6(i)	3 Mark		3(i)	3 Mark	
6(ii)	3 Mark		3(ii)	3 Mark	
7(i)	2 Mark		3(iii)	3 Mark	
7(ii)	3 Mark		3(iv)	3 Mark	
Exercise - 2.5 Examples			4(i)	2 Mark	
Eg : 2.9	2 Mark	Each	4(ii)	2 Mark	
Eg : 2.10(i)	2 Mark		4(iii)	2 Mark	
Eg : 2.10(ii)	2 Mark		5(i)	3 Mark	
Eg : 2.10(iii)	2 Mark		5(ii)	3 Mark	
Eg : 2.11	3 Mark		Exercise - 2.7 Examples		
Eg : 2.12	5 Mark		Eg: 2.22(i)	2 Mark	
Eg : 2.13	3 Mark		Eg: 2.22(ii)	2 Mark	
Eg : 2.14	3 Mark		Eg: 2.22(iii)	2 Mark	
Eg : 2.15	5 Mark		Eg: 2.22(iv)	2 Mark	
Eg : 2.16	3 Mark		Eg: 2.23(i)	3 Mark	
Eg : 2.17	2 Mark		Eg: 2.23(ii)	3 Mark	
Exercise - 2.5			Eg : 2.24	2 Mark	
1(i)	2 Mark		Eg : 2.25	2 Mark	
1(ii)	2 Mark		Eg : 2.26	3 Mark	
1(iii)	2 Mark		Eg : 2.27	5 Mark	
1(iv)	2 Mark		Exercise - 2.7		
2	3 Mark		1(i)	3 Mark	
3	3 Mark		1(ii)	3 Mark	
4	3 Mark		1(iii)	3 Mark	
5	3 Mark		1(iv)	3 Mark	
6	3 Mark		2(i)	3 Mark	
7	5 Mark		2(ii)	3 Mark	
8	3 Mark		3(i)(ii)	5 Mark	
9	3 Mark		4	3 Mark	
10(i)	2 Mark		5(i)(ii)	5 Mark	
10(ii)	2 Mark		6	5 Mark	
10(iii)	2 Mark		Exercise - 2.8 Examples		
Exercise - 2.6 Examples			Eg : 2.28	3 Mark	Each
Eg : 2.18	5 Mark		Eg : 2.29	3 Mark	
Eg : 2.19	3 Mark		Eg : 2.30	5 Mark	
Eg : 2.20	3 Mark		Eg : 2.31(i)	3 Mark	
Eg : 2.21(i)	3 Mark		Eg : 2.31(ii)	5 Mark	
Eg : 2.21(ii)	3 Mark		Eg : 2.32	5 Mark	

unit - 2			unit - 3 - Theory of Equations		
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
Eg : 2.33	5 Mark		9		
Eg : 2.34	5 Mark		10	5 Mark	
Eg : 2.35	5 Mark		11	3 Mark	
Eg : 2.36	5 Mark		Exercise - 3.2 Examples		
Exercise - 2.8			Eg: 3.8	3 Mark	
1	3 Mark		Eg: 3.9	3 Mark	
2	3 Mark		Eg: 3.10	3 Mark	
3	5 Mark		Eg: 3.11	2 Mark	
4(i)&(ii)	5 Mark		Eg: 3.12	2 Mark	
4(iii)&(iv)	5 Mark		Eg: 3.13	3 Mark	
5	5 Mark		Eg: 3.14	5 Mark	
6	5 Mark		Exercise - 3.2		
7	3 Mark		1	5 Mark	
8(i)	3 Mark		2	3 Mark	
8(ii)	3 Mark		3	3 Mark	
9(i)	2 Mark		4	3 Mark	
9(ii)	2 Mark		5	5 Mark	
9(iii)	2 Mark		Exercise - 3.3 Examples		
Exercise - 2.9 (1 - 25 One Marks)			Eg: 3.15	5 Mark	
unit - 3			Eg: 3.16	5 Mark	
Exercise - 3.1 Examples			Eg: 3.17	5 Mark	
Eg: 3.1	2 Mark		Eg: 3.18	5 Mark	
Eg: 3.2	2 Mark		Eg: 3.19	5 Mark	
Eg: 3.3	2 Mark		Eg: 3.20	5 Mark	
Eg: 3.4	3 Mark		Eg: 3.21	5 Mark	
Eg: 3.5	5 Mark		Eg: 3.22	5 Mark	
Eg: 3.6	5 Mark		Exercise - 3.3		
Eg: 3.7	5 Mark		1	5 Mark	
Exercise - 3.1			2	5 Mark	
1	3 Mark		3	5 Mark	
2(i)	3 Mark		4	5 Mark	
2(ii)	3 Mark		5	5 Mark	
2(iii)	3 Mark		6(i)	5 Mark	
3(i)	3 Mark		6(ii)	5 Mark	
3(ii)	3 Mark		7	5 Mark	
3(iii)	3 Mark		Exercise - 3.4 Examples		
4	5 Mark		Eg: 3.23	5 Mark	
5	5 Mark		Eg: 3.24	5 Mark	
6	5 Mark		Exercise - 3.4		
7	3 Mark		1(i)	5 Mark	
8	3 Mark		1(ii)	5 Mark	

unit - 3 - Theory of Equations			4 - Inverse Trigonometric Functions		
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
2	5 Mark		2(iii)	2 Mark	
Exercise - 3.5 Examples			3	3 Mark	
Eg: 3.25	3 Mark		4(i)	2 Mark	
Eg: 3.26	5 Mark		4(ii)	2 Mark	
Eg: 3.27	5 Mark		5	2 Mark	
Eg: 3.28	5 Mark		6(i)	3 Mark	
Eg: 3.29	3 Mark		6(ii)	3 Mark	
Exercise - 3.5			7	3 Mark	
1(i)	3 Mark		Exercise - 4.2 Examples		
1(ii)	5 Mark		Eg: 4.5	2 Mark	
2(i)	5 Mark		Eg: 4.6(i)	2 Mark	
2(ii)	5 Mark		Eg: 4.6(ii)	2 Mark	
3	5 Mark		Eg: 4.6(iii)	2 Mark	
4	5 Mark		Eg: 4.7	3 Mark	
5(i)	5 Mark		Exercise - 4.2		
5(ii)	5 Mark		1(i)	3 Mark	
6	5 Mark		1(ii)	3 Mark	
7	5 Mark		2	2 Mark	
Exercise - 3.6 Examples			3	2 Mark	
Eg: 3.30	3 Mark		4	2 Mark	
Eg:3.31(i)	5 Mark		5(i)	3 Mark	
Eg:3.31(ii)	5 Mark		5(ii)	3 Mark	
Exercise - 3.6			5(iii)	3 Mark	
1	5 Mark		6(i)	5 Mark	
2	5 Mark		6(ii)	3 Mark	
3	3 Mark		7	3 Mark	
4	5 Mark		8(i)	2 Mark	
5	3 Mark		8(ii)	3 Mark	
Exercise - 3.7 (1 - 10 One Marks)			Exercise - 4.3 Examples		
Exercise - 4.1 Examples			Eg: 4.8	2 Mark	
Eg: 4.1	2 Mark		Eg: 4.9(i)	2 Mark	
Eg: 4.2	2 Mark		Eg: 4.9(ii)	2 Mark	
Eg: 4.3(i)	2 Mark		Eg: 4.9(iii)	2 Mark	
Eg: 4.3(ii)	2 Mark		Eg: 4.10	3 Mark	
Eg: 4.3(iii)	2 Mark		Eg: 4.11	5 Mark	
Eg: 4.4	3 Mark		Exercise - 4.3		
Exercise - 4.1			1(i)	2 Mark	
1(i)	3 Mark		1(ii)	2 Mark	
1(ii)	3 Mark		2(i)	2 Mark	
2(i)	2 Mark		2(ii)	2 Mark	
2(ii)	2 Mark		3(i)	2 Mark	

Unit-4		Inverse Trigonometric Functions			
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
3(ii)	2 Mark		Exercise - 4.5		
3(iii)	2 Mark		1(i)	2 Mark	
4(i)	3 Mark		1(ii)	2 Mark	
4(ii)	3 Mark		1(iii)	2 Mark	
4(iii)	3 Mark		2(i)	3 Mark	
Exercise - 4.4 Examples			2(ii)	3 Mark	
Eg: 4.12(i)	2 Mark		2(iii)	3 Mark	
Eg: 4.12(ii)	2 Mark		3(i)	3 Mark	
Eg: 4.13	2 Mark		3(ii)	3 Mark	
Eg: 4.14	3 Mark		3(iii)	3 Mark	
Eg: 4.15	3 Mark		4(i)	3 Mark	
Exercise - 4.4			4(ii)	3 Mark	
1(i)	2 Mark		5	5 Mark	
1(ii)	2 Mark		6	5 Mark	
1(iii)	2 Mark		7	5 Mark	
2(i)	2 Mark		8	3 Mark	
2(ii)	2 Mark		9(i)	5 Mark	
2(iii)	3 Mark		9(ii)	5 Mark	
Exercise - 4.5 Examples			9(iii)	5 Mark	
Eg: 4.16	3 Mark		9(iv)	5 Mark	
Eg: 4.17(i)	3 Mark		10	5 Mark	
Eg: 4.17(ii)	3 Mark		Exercise - 4.6 (1 - 20 One Marks)		
Eg: 4.17(iii)	3 Mark		Exercise - 5.1 Examples		
Eg: 4.17(iv)	3 Mark		Eg: 5.1	2 Mark	
Eg: 4.18(i)	2 Mark		Eg: 5.2	3 Mark	
Eg: 4.18(ii)	2 Mark		Eg: 5.3	2 Mark	
Eg: 4.18(iii)	5 Mark		Eg: 5.4	2 Mark	
Eg: 4.19	3 Mark		Eg: 5.5	2 Mark	
Eg: 4.20	5 Mark		Eg: 5.6	3 Mark	
Eg: 4.21(i)	3 Mark		Eg: 5.7	3 Mark	
Eg: 4.21(ii)	3 Mark		Eg: 5.8	3 Mark	
Eg: 4.22	5 Mark		Eg: 5.9	3 Mark	
Eg: 4.23	5 Mark		Eg: 5.10	5 Mark	
Eg: 4.24	5 Mark		Eg: 5.11	3 Mark	
Eg: 4.25	3 Mark		Eg: 5.12	3 Mark	
Eg: 4.26	3 Mark		Eg: 5.13	3 Mark	
Eg: 4.27	3 Mark		Exercise - 5.1		
Eg: 4.28	5 Mark		1	3 Mark	
Eg: 4.29	5 Mark		2	3 Mark	
M.VIGNESH.M.Sc.,B.Ed.,			3	3 Mark	
Sri Sakthi Vikaas Matric.Hr.Sec.School			4	3 Mark	

unit - 5		Two Dimensional Analytical Geometry-II			
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
5	2 Mark		4(iv)	5 Mark	
6	5 Mark		4(v)	5 Mark	
7	3 Mark		5(i)	5 Mark	
8	3 Mark		5(ii)	5 Mark	
9	5 Mark		5(iii)	5 Mark	
10	2 Mark	Each	5(iv)	5 Mark	
11(i)	2 Mark		6	3 Mark	
11(ii)	2 Mark		7	3 Mark	
11(iii)	2 Mark		8(i)	5 Mark	
11(iv)	2 Mark		8(ii)	5 Mark	
12	3 Mark		8(iii)	5 Mark	
Exercise - 5.2 Examples			8(iv)	5 Mark	
Eg: 5.14	3 Mark		8(v)	5 Mark	
Eg: 5.15	3 Mark		8(vi)	5 Mark	
Eg: 5.16	3 Mark		Exercise - 5.3 Examples		
Eg: 5.17	3 Mark		Eg: 5.28(i)	2 Mark	
Eg: 5.18	3 Mark		Eg: 5.28(ii)	2 Mark	
Eg: 5.19	5 Mark		Eg: 5.28(iii)	2 Mark	
Eg: 5.20	3 Mark		Eg: 5.28(iv)	2 Mark	
Eg: 5.21	5 Mark		Exercise - 5.3		
Eg: 5.22	5 Mark		1	2 Mark	
Eg: 5.23	5 Mark		2	2 Mark	
Eg: 5.24	3 Mark		3	2 Mark	
Eg: 5.25	2 Mark		4	2 Mark	
Eg: 5.26	5 Mark		5	2 Mark	
Eg: 5.27	2 Mark		6	2 Mark	
Exercise - 5.2			Exercise - 5.4 Examples		
1(i)	3 Mark		Eg: 5.29	5 Mark	
1(ii)	3 Mark		Eg: 5.30	5 Mark	
1(iii)	3 Mark		Exercise - 5.4		
1(iv)	3 Mark		1	5 Mark	
2(i)	3 Mark		2	5 Mark	
2(ii)	3 Mark		3	5 Mark	
2(iii)	3 Mark		4	5 Mark	
2(iv)	3 Mark		5	5 Mark	
3(i)	3 Mark		6	5 Mark	
3(ii)	3 Mark		7	5 Mark	
3(iii)	3 Mark		8	5 Mark	
4(i)	3 Mark		M.VIGNESH.M.Sc.,B.Ed.,		
4(ii)	3 Mark		PG Asst in Mathematics		
4(iii)	3 Mark		Sri Sakthi Vikaas Matric.Hr.Sec.School		

unit - 5			6 - Applications of Vector Algebra		
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
Exercise - 5.5 Examples			5	3 Mark	
Eg: 5.31	5 Mark		6	3 Mark	
Eg: 5.32	3 Mark		7	3 Mark	
Eg: 5.33	3 Mark		8	5 Mark	
Eg: 5.34	3 Mark		9	5 Mark	
Eg: 5.35	3 Mark		10	5 Mark	
Eg: 5.36	3 Mark		11	3 Mark	
Eg: 5.37	3 Mark		12	3 Mark	
Eg: 5.38	3 Mark		13	3 Mark	
Eg: 5.39	3 Mark		14	3 Mark	
Eg: 5.40	5 Mark		Exercise - 6.2 Examples		
Eg: 5.41	5 Mark		Eg: 6.12	2 Mark	
Exercise - 5.5			Eg: 6.13	2 Mark	
1	5 Mark		Eg: 6.14	2 Mark	
2	5 Mark		Eg: 6.15	2 Mark	
3	5 Mark		Eg: 6.16	5 Mark	
4	5 Mark		Eg: 6.17	3 Mark	
5	5 Mark		Eg: 6.18	3 Mark	
6	5 Mark		Exercise - 6.2		
7	5 Mark		1	2 Mark	
8	5 Mark		2	2 Mark	
9	5 Mark		3	2 Mark	
10	5 Mark		4	3 Mark	
Exercise - 5.6 (1 - 25 One Marks)			5	3 Mark	
Exercise - 6.1 Examples			6	2 Mark	
Eg: 6.1	5 Mark		7	2 Mark	
Eg: 6.2	5 Mark		8	2 Mark	
Eg: 6.3	5 Mark		9	2 Mark	
Eg: 6.4	3 Mark		10	3 Mark	
Eg: 6.5	5 Mark		Exercise - 6.3 Examples		
Eg: 6.6	5 Mark		Eg: 6.19	3 Mark	
Eg: 6.7	5 Mark		Eg: 6.20	3 Mark	
Eg: 6.8	5 Mark		Eg: 6.21(i)	5 Mark	
Eg: 6.9	3 Mark		Eg: 6.21(ii)	5 Mark	
Eg: 6.10	3 Mark		Eg: 6.22	5 Mark	
Eg: 6.11	3 Mark		Eg: 6.23(i)	5 Mark	
Exercise - 6.1			Eg: 6.23(ii)	5 Mark	
1	3 Mark		Exercise - 6.3		
2	3 Mark		1(i)	2 Mark	
3	3 Mark		1(ii)	2 Mark	
4	3 Mark		2	2 Mark	

Unit-6		Applications of Vector Algebra			
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
3	3 Mark		6	5 Mark	
4(i)	5 Mark		7	5 Mark	
4(ii)	5 Mark		Exercise - 6.6 Examples		
5	3 Mark		Eg: 6.39	2 Mark	
6	3 Mark		Eg: 6.40	3 Mark	
7	3 Mark		Eg: 6.41	3 Mark	
8	3 Mark		Eg: 6.42	3 Mark	
Exercise - 6.4 Examples			Exercise - 6.6		
Eg: 6.24	5 Mark		1	3 Mark	
Eg: 6.25	5 Mark		2	3 Mark	
Eg: 6.26	3 Mark		3	3 Mark	
Eg: 6.27	5 Mark		4	3 Mark	
Eg: 6.28	3 Mark		5	2 Mark	
Eg: 6.29	3 Mark		6	3 Mark	
Eg: 6.30	3 Mark		Exercise - 6.7 Examples		
Eg: 6.31	3 Mark		Eg: 6.43	5 Mark	
Eg: 6.32	2 Mark		Eg: 6.44	5 Mark	
Exercise - 6.4			Exercise - 6.7		
1	3 Mark		1	5 Mark	
2	3 Mark		2	5 Mark	
3	3 Mark		3	5 Mark	
4	3 Mark		4	5 Mark	
5(i)	2 Mark		5	5 Mark	
5(ii)	2 Mark		6	5 Mark	
5(iii)	2 Mark		7	5 Mark	
6	3 Mark		Exercise - 6.8 Examples		
7	3 Mark		Eg: 6.45	2 Mark	
8	3 Mark		Eg: 6.46	5 Mark	
9	3 Mark		Exercise - 6.8		
Exercise - 6.5 Examples			1	5 Mark	
Eg: 6.33	3 Mark		2	5 Mark	
Eg: 6.34	3 Mark		3	5 Mark	
Eg: 6.35	3 Mark		4	5 Mark	
Eg: 6.36	3 Mark		Exercise - 6.9 Examples		
Eg: 6.37	5 Mark		Eg: 6.47	2 Mark	
Exercise - 6.5			Eg: 6.48	2 Mark	
1	3 Mark		Eg: 6.49	2 Mark	
2	5 Mark		Eg: 6.50	5 Mark	
3	3 Mark		Eg: 6.51	2 Mark	
4	5 Mark		Eg: 6.52	3 Mark	
5	5 Mark		Eg: 6.53	5 Mark	

6 - Applications of Vector Algebra			7.Applications of Differential Calculus		
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
Eg: 6.38	3 Mark		Eg: 7.14	5 Mark	
Eg: 6.54	5 Mark		Eg: 7.15	5 Mark	
Eg: 6.55	5 Mark		Eg: 7.16	3 Mark	
Eg: 6.56	3 Mark		Eg: 7.17	5 Mark	
Exercise - 6.9			Eg: 7.18	5 Mark	
1	3 Mark		Exercise - 7.2		
2	5 Mark		1(i)	2 Mark	
3	3 Mark		1(ii)	2 Mark	
4	3 Mark		2	3 Mark	
5	3 Mark		3	3 Mark	
6	2 Mark		4	3 Mark	
7	5 Mark		5(i)	3 Mark	
8	5 Mark		5(ii)	3 Mark	
Exercise - 6.10 (1 - 25 One Marks)			5(iii)	3 Mark	
Exercise - 7.1 Examples			5(iv)	3 Mark	
Eg: 7.1	5 Mark		6	3 Mark	
Eg: 7.2	2 Mark		7	3 Mark	
Eg: 7.3	3 Mark		8	3 Mark	
Eg: 7.4	3 Mark		9	5 Mark	
Eg: 7.5(i)	2 Mark		10	5 Mark	
Eg: 7.5(ii)	2 Mark		Exercise - 7.3 Examples		
Eg: 7.6	5 Mark		Eg: 7.19	3 Mark	
Eg: 7.7	5 Mark		Eg: 7.20	3 Mark	
Eg: 7.8	5 Mark		Eg: 7.21	3 Mark	
Eg: 7.9	5 Mark		Eg: 7.22	3 Mark	
Eg: 7.10	5 Mark		Eg: 7.23	3 Mark	
Exercise - 7.1			Eg: 7.24	3 Mark	
1	3 Mark		Eg: 7.25	3 Mark	
2	5 Mark		Eg: 7.26	3 Mark	
3	5 Mark		Eg: 7.27	3 Mark	
4	2 Mark		Eg: 7.28	3 Mark	
5	3 Mark		Eg: 7.29	3 Mark	
6	2 Mark		Exercise - 7.3		
7	5 Mark		1(i)	2 Mark	
8	5 Mark		1(ii)	2 Mark	
9	5 Mark		1(iii)	2 Mark	
10	5 Mark		2(i)	3 Mark	
Exercise - 7.2 Examples			2(ii)	3 Mark	
Eg: 7.11	3 Mark		2(iii)	3 Mark	
Eg: 7.12	3 Mark		3(i)	2 Mark	
Eg: 7.13	3 Mark		3(ii)	2 Mark	

Unit - 7		Applications of Differential Calculus			
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
4(i)	3 Mark		4	3 Mark	
4(ii)	3 Mark		5	3 Mark	
5(i)	3 Mark		6	3 Mark	
5(ii)	3 Mark		7	3 Mark	
6	3 Mark		8	5 Mark	
7	3 Mark		9	5 Mark	
8	3 Mark		10	5 Mark	
9	3 Mark		11	5 Mark	
10	3 Mark		12	5 Mark	
Exercise - 7.4 Examples			Exercise - 7.6 Examples		
Eg: 7.30	5 Mark		Eg: 7.46	3 Mark	
Eg: 7.31	5 Mark		Eg: 7.47	2 Mark	
Eg: 7.32	5 Mark		Eg: 7.48	3 Mark	
Exercise - 7.4			Eg: 7.49	3 Mark	
1(i)	3 Mark		Eg: 7.50	2 Mark	
1(ii)	3 Mark		Eg: 7.51	5 Mark	
1(iii)	3 Mark		Eg: 7.52	3 Mark	
1(iv)	3 Mark		Eg: 7.53	5 Mark	
1(v)	5 Mark		Eg: 7.54	5 Mark	
1(vi)	5 Mark		Eg: 7.55	5 Mark	
2	3 Mark		Eg: 7.56	5 Mark	
3	3 Mark		Exercise - 7.6		
4	3 Mark		1(i)	3 Mark	
Exercise - 7.5 Examples			1(ii)	5 Mark	
Eg: 7.33	2 Mark		1(iii)	3 Mark	
Eg: 7.34	2 Mark		1(iv)	3 Mark	
Eg: 7.35	2 Mark		2(i)	5 Mark	
Eg: 7.36	2 Mark		2(ii)	5 Mark	
Eg: 7.37	3 Mark		2(iii)	5 Mark	
Eg: 7.38	3 Mark		2(iv)	5 Mark	
Eg: 7.39	3 Mark		2(v)	5 Mark	
Eg: 7.40	3 Mark		Exercise - 7.7 Examples		
Eg: 7.41	3 Mark		Eg: 7.57	5 Mark	
Eg: 7.42	3 Mark		Eg: 7.58	5 Mark	
Eg: 7.43	5 Mark		Eg: 7.59	5 Mark	
Eg: 7.44	5 Mark		Eg: 7.60	5 Mark	
Eg: 7.45	5 Mark		Eg: 7.61	5 Mark	
Exercise - 7.5			Exercise - 7.7		
1	3 Mark		1(i)	5 Mark	
2	3 Mark		1(ii)	5 Mark	
3	3 Mark		1(iii)	5 Mark	

7.Applications of Differential Calculus			Unit - 8		
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
2(i)	5 Mark		Exercise - 8.1 Examples		
2(ii)	5 Mark		Eg : 8.1	3 Mark	
2(iii)	3 Mark		Eg : 8.2	3 Mark	
3	5 Mark		Eg : 8.3	3 Mark	
Exercise - 7.8 Examples			Eg : 8.4	5 Mark	
Eg: 7.62	5 Mark		Exercise - 8.1		
Eg: 7.63	5 Mark		1	5 Mark	
Eg: 7.64	5 Mark		2	3 Mark	
Eg: 7.65	5 Mark		2	3 Mark	
Exercise - 7.8			2	3 Mark	
1	5 Mark		3	3 Mark	
2	3 Mark		3	3 Mark	
3	5 Mark		3	3 Mark	
4	5 Mark		4	3 Mark	
5	5 Mark		5	3 Mark	
6	5 Mark		6	3 Mark	
7	5 Mark		7	3 Mark	
8	5 Mark		Exercise - 8.2 Examples		
9	5 Mark		Eg : 8.5	3 Mark	
10	5 Mark		Eg : 8.6	2 Mark	
11	5 Mark		Eg : 8.7	3 Mark	
12	5 Mark		Exercise - 8.2		
Exercise - 7.9 Examples			1(i)	2 Mark	
Eg: 7.66			1(ii)	2 Mark	
Eg: 7.67			1(iii)	2 Mark	
Eg: 7.68			2	2 Mark	
Eg: 7.69	5 Mark	Any 5 points	2	2 Mark	
Eg: 7.70	5 Mark	Any 5 points	3	3 Mark	
Eg: 7.71	5 Mark	Any 5 points	3	3 Mark	
Eg: 7.72	5 Mark	Any 5 points	4	3 Mark	
Exercise - 7.9			5(i)(ii)	5 Mark	
1(i)			6	2 Mark	
1(ii)			7	2 Mark	
1(iii)			8	3 Mark	
1(iv)			9(i)	2 Mark	
1(v)			9(ii)	2 Mark	
2(i)	5 Mark	Any 5 points	10	3 Mark	
2(ii)	5 Mark	Any 5 points	11	3 Mark	
2(iii)	5 Mark	Any 5 points	Exercise - 8.3 Examples		
2(iv)	5 Mark	Any 5 points	Eg : 8.8	3 Mark	
Exercise - 7.10 (1 - 20 One Marks)			Eg : 8.9	3 Mark	

8 - Differentials and Partial Derivatives			9 - Application of Integration		
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
Eg : 8.10	3 Mark		Exercise - 8.6 Examples		
Exercise - 8.3			Eg : 8.18	5 Mark	
1	2 Mark		Eg : 8.19	5 Mark	
2	2 Mark		Eg : 8.20	5 Mark	
3	2 Mark		Exercise - 8.6		
4	2 Mark		1	5 Mark	
5(i)	3 Mark		2	5 Mark	
5(ii)	3 Mark		3	5 Mark	
6	3 Mark		4	5 Mark	
7	3 Mark		5	5 Mark	
Exercise - 8.4 Examples			6	5 Mark	
Eg : 8.11	5 Mark		7	5 Mark	
Eg : 8.12	5 Mark		8	5 Mark	
Eg : 8.13	5 Mark		9	5 Mark	
Eg : 8.14	5 Mark		Exercise - 8.7 Examples		
Eg : 8.15	5 Mark		Eg : 8.21	2 Mark	
Exercise - 8.4			Eg : 8.22	5 Mark	
1	3 Mark		Exercise - 8.7		
1	3 Mark		1(i)	2 Mark	
1	3 Mark		1(ii)	2 Mark	
2	5 Mark		1(iii)	2 Mark	
2	5 Mark		1(iv)	2 Mark	
2	5 Mark		2	5 Mark	
3	5 Mark		3	5 Mark	
4	3 Mark		4	3 Mark	
5	5 Mark		5	5 Mark	
5	5 Mark		6	5 Mark	
5	5 Mark		Exercise - 8.8 (1 - 15 One Marks)		
6	5 Mark		Exercise - 9.1 Examples		
7	5 Mark		Eg: 9.1	5 Mark	
8	3 Mark		Exercise - 9.1		
9	5 Mark		1	5 Mark	
10	2 Mark		2	5 Mark	
Exercise - 8.5 Examples			3	5 Mark	
Eg : 8.16	3 Mark		Exercise - 9.2 Examples		
Eg : 8.17	3 Mark		Eg: 9.2	5 Mark	
Exercise - 8.5			Eg: 9.3	5 Mark	
1	3 Mark		Eg: 9.4	5 Mark	
2	3 Mark		M.VIGNESH.M.Sc.,B.Ed.,		
3	3 Mark		PG Asst in Mathematics		
4	3 Mark		Sri Sakthi Vikaas Matric.Hr.Sec.School		

Unit - 9		Application of Integration			
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
Exercise - 9.2			2(v)	5 Mark	
1(i)	5 Mark		2(vi)	5 Mark	
1(ii)	5 Mark		2(vii)	5 Mark	
Exercise - 9.3 Examples			2(viii)	5 Mark	
Eg: 9.5	3 Mark		2(ix)	5 Mark	
Eg: 9.6	3 Mark		2(x)	3 Mark	
Eg: 9.7	2 Mark		2(xi)	5 Mark	
Eg: 9.8	3 Mark		Exercise - 9.4 Examples		
Eg: 9.9	3 Mark		Eg: 9.31	3 Mark	
Eg: 9.10	5 Mark		Eg: 9.32	3 Mark	
Eg: 9.11	5 Mark		Eg: 9.33	3 Mark	
Eg: 9.12	5 Mark		Eg: 9.34	3 Mark	
Eg: 9.13	5 Mark		Exercise - 9.4		
Eg: 9.14	5 Mark		1	3 Mark	
Eg: 9.15	5 Mark		2	3 Mark	
Eg: 9.16	5 Mark		3	3 Mark	
Eg: 9.17	5 Mark		4	3 Mark	
Eg: 9.18	5 Mark		Exercise - 9.5 Examples		
Eg: 9.19	5 Mark		Eg: 9.35	3 Mark	
Eg: 9.20	2 Mark		Eg: 9.36	5 Mark	
Eg: 9.21	5 Mark		Exercise - 9.5		
Eg: 9.22	2 Mark		1	3 Mark	
Eg: 9.23	3 Mark		2	3 Mark	
Eg: 9.24	2 Mark		Exercise - 9.6 Examples		
Eg: 9.25	2 Mark		Eg: 9.37	2 Mark	
Eg: 9.26	3 Mark		Eg: 9.38	3 Mark	
Eg: 9.27	5 Mark		Eg: 9.39(i)	3 Mark	
Eg: 9.28	5 Mark		Eg: 9.39(ii)	3 Mark	
Eg: 9.29	3 Mark		Eg: 9.40	5 Mark	
Eg: 9.30	5 Mark		Eg: 9.41	3 Mark	
Exercise - 9.3			Eg: 9.42	3 Mark	
1(i)	2 Mark		Exercise - 9.6		
1(ii)	3 Mark		1(i)	2 Mark	
1(iii)	3 Mark		1(ii)	2 Mark	
1(iv)	3 Mark		1(iii)	3 Mark	
1(v)	3 Mark		1(iv)	3 Mark	
1(vi)	3 Mark		1(v)	3 Mark	
2(i)	3 Mark		1(vi)	3 Mark	
2(ii)	5 Mark		1(vii)	3 Mark	
2(iii)	3 Mark		1(viii)	3 Mark	
2(iv)	3 Mark		M.VIGNESH.M.Sc.,B.Ed.,		

9 - Application of Integration			10 - Ordinary Differential Equations		
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
Exercise - 9.7 Examples			Eg: 9.66	5 Mark	
Eg: 9.43	5 Mark		Eg: 9.67	3 Mark	
Eg: 9.44	3 Mark		Eg: 9.68	5 Mark	
Eg: 9.45	5 Mark		Eg: 9.69	5 Mark	
Eg: 9.46	5 Mark		Exercise - 9.9		
Exercise - 9.7			1	3 Mark	
1(i)	2 Mark		2	5 Mark	
1(ii)	5 Mark		3	5 Mark	
2	5 Mark		4	5 Mark	
Exercise - 9.8 Examples			5	5 Mark	
Eg: 9.47	2 Mark		6	5 Mark	
Eg: 9.48	3 Mark		Exercise - 9.10 (1 - 20 One Marks)		
Eg: 9.49	5 Mark		Exercise - 10.1 Examples		
Eg: 9.50	5 Mark		Eg : 10.1(i)		
Eg: 9.51	5 Mark		Eg : 10.1(ii)		
Eg: 9.52	5 Mark		Eg : 10.1(iii)		
Eg: 9.53	5 Mark		Eg : 10.1(iv)		
Eg: 9.54	5 Mark		Eg : 10.1(v)		
Eg: 9.55	5 Mark		Exercise - 10.1		
Eg: 9.56	5 Mark		1(i)		
Eg: 9.57	5 Mark		1(ii)		
Eg: 9.58	5 Mark		1(iii)		
Eg: 9.59	5 Mark		1(iv)		
Eg: 9.60	5 Mark		1(v)		
Eg: 9.61	5 Mark		1(vi)		
Exercise - 9.8			1(vii)		
1	2 Mark		1(viii)		
2	3 Mark		1(ix)		
3	5 Mark		1(x)		
4	5 Mark		Exercise - 10.2		
5	5 Mark		1(i)		
6	5 Mark		1(ii)		
7	5 Mark		1(iii)		
8	5 Mark		1(iv)		
9	5 Mark		2		
10	5 Mark		Exercise - 10.3 Examples		
Exercise - 9.9 Examples			Eg : 10.2	2 Mark	
Eg: 9.62	3 Mark		Eg : 10.3	2 Mark	
Eg: 9.63	5 Mark		Eg : 10.4	3 Mark	
Eg: 9.64	5 Mark		Eg : 10.5	2 Mark	
Eg: 9.65	5 Mark		Eg : 10.6	3 Mark	

Unit - 10		Ordinary Differential Equations			
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
Exercise - 10.3			4(vi)	5 Mark	
1	3 Mark		4(vii)	5 Mark	
2	3 Mark		4(viii)	5 Mark	
3	3 Mark		4(ix)	5 Mark	
4	3 Mark		4(x)	5 Mark	
5	3 Mark		Exercise - 10.6 Examples		
6	3 Mark		Eg : 10.17	5 Mark	
7	3 Mark		Eg : 10.18	5 Mark	
8	2 Mark		Eg : 10.19	5 Mark	
Exercise - 10.4 Examples			Eg : 10.20	3 Mark	
Eg : 10.7	2 Mark		Eg : 10.21	5 Mark	
Eg : 10.8	2 Mark		Exercise - 10.6		
Eg : 10.9	3 Mark		1	5 Mark	
Eg : 10.10	3 Mark		2	5 Mark	
Exercise - 10.4			3	5 Mark	
1(i)	2 Mark		4	5 Mark	
1(i)	2 Mark		5	5 Mark	
2(i)	2 Mark		6	5 Mark	
2(ii)	2 Mark		7	5 Mark	
3	3 Mark		8	5 Mark	
4	2 Mark		Exercise - 10.7 Examples		
5	3 Mark		Eg : 10.22	2 Mark	
6	3 Mark		Eg : 10.23	5 Mark	
7	3 Mark		Eg : 10.24	5 Mark	
8	2 Mark		Eg : 10.25	5 Mark	
Exercise - 10.5 Examples			Eg : 10.26	5 Mark	
Eg : 10.11	3 Mark		Exercise - 10.7		
Eg : 10.12	5 Mark		1	3 Mark	
Eg : 10.13	5 Mark		2	5 Mark	
Eg : 10.14	5 Mark		3	5 Mark	
Eg : 10.15	5 Mark		4	5 Mark	
Eg : 10.16	3 Mark		5	5 Mark	
Exercise - 10.5			6	5 Mark	
1	5 Mark		7	5 Mark	
2	5 Mark		8	5 Mark	
3	5 Mark		9	5 Mark	
4(i)	3 Mark		10	5 Mark	
4(ii)	5 Mark		11	5 Mark	
4(iii)	3 Mark		12	5 Mark	
4(iv)	3 Mark		13	5 Mark	
4(v)	5 Mark		14	5 Mark	

10 - Ordinary Differential Equations			11 - Probability Distributions		
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
15	5 Mark		5	5 Mark	
Exercise - 10.8 Examples			6	5 Mark	
Eg : 10.27	5 Mark		7	5 Mark	
Eg : 10.28	5 Mark		Exercise - 11.3 Examples		
Eg : 10.29	5 Mark		Eg : 11.11	3 Mark	
Eg : 10.30	5 Mark		Eg : 11.12	5 Mark	
Exercise - 10.8			Eg : 11.13	3 Mark	
1	5 Mark		Eg : 11.14	5 Mark	
2	5 Mark		Eg : 11.15	3 Mark	
3	5 Mark		Exercise - 11.3		
4	5 Mark		1	3 Mark	
5	5 Mark		2	2 Mark	
6	5 Mark		3	5 Mark	
7	5 Mark		4	5 Mark	
8	5 Mark		5	5 Mark	
9	5 Mark		6(ii)	3 Mark	
10	5 Mark		6(i)(ii)	5 Mark	
Exercise - 10.9 (1 - 25 One Marks)			Exercise - 11.4 Examples		
Exercise - 11.1 Examples			Eg : 11.16	3 Mark	
Eg : 11.1	3 Mark		Eg : 11.17	5 Mark	
Eg : 11.2	3 Mark		Eg : 11.18	5 Mark	
Eg : 11.3	3 Mark		Exercise - 11.4		
Eg : 11.4	3 Mark		1(i)	2 Mark	
Exercise - 11.1			1(ii)	2 Mark	
1	3 Mark		1(iii)	2 Mark	
2	3 Mark		1(iv)	2 Mark	
3	3 Mark		2	5 Mark	
4	3 Mark		3	3 Mark	
5			4	5 Mark	
Exercise - 11.2 Examples			5	3 Mark	
Eg : 11.5	3 Mark		6	2 Mark	
Eg : 11.6	2 Mark		7	5 Mark	
Eg : 11.7	5 Mark		8	3 Mark	
Eg : 11.8	5 Mark		Exercise - 11.5 Examples		
Eg : 11.9	5 Mark		Eg : 11.19(i)	3 Mark	
Eg : 11.10	5 Mark		Eg : 11.19(ii)	3 Mark	
Exercise - 11.2			Eg : 11.20	5 Mark	
1	3 Mark		Eg : 11.21(i)	2 Mark	Three in
2	5 Mark		Eg : 11.21(ii)	2 Mark	one means
3	5 Mark		Eg : 11.21(iii)	2 Mark	5 Mark
4	5 Mark		Eg : 11.22	5 Mark	

11 - Probability Distributions			12 - Discrete Mathematics		
Q.No	2m/3m/5m		Q.No	2m/3m/5m	
Exercise - 11.5			Exercise - 12.2 Examples		
1(i)	2 Mark		Eg : 12.11	2 Mark	
1(ii)	2 Mark		Eg : 12.12	2 Mark	
1(iii)	2 Mark		Eg : 12.13	2 Mark	
2	3 Mark		Eg : 12.14		
3(i)	2 Mark		Eg : 12.15	2 Mark	
3(ii)	2 Mark		Eg : 12.16	5 Mark	
4	2 Mark		Eg : 12.17	2 Mark	
5	3 Mark		Eg : 12.18	5 Mark	
6	5 Mark		Eg : 12.19	5 Mark	
7	5 Mark		Exercise - 12.2		
8	3 Mark		1(i to v)	2 Mark	Each
9	3 Mark		2(i to iv)	2 Mark	Any two
Exercise - 11.6 (1 - 20 One Marks)			3(i to iv)	2 Mark	Any two
Exercise - 12.1 Examples			4(i to iv)	2 Mark	Any two
Eg : 12.1	2 Mark		5 (i)	2 Mark	
Eg : 12.2	5 Mark		5 (ii)	2 Mark	
Eg : 12.3	5 Mark		6 (i)	3 Mark	
Eg : 12.4	5 Mark		6 (ii)	3 Mark	
Eg : 12.5	5 Mark		6 (iii)	3 Mark	
Eg : 12.6	5 Mark		6 (iv)	3 Mark	
Eg : 12.7	5 Mark		7(i)	5 Mark	
Eg : 12.8	2 Mark		7(ii)	5 Mark	
Eg : 12.9	5 Mark		7(iii)	5 Mark	
Eg : 12.10	5 Mark		7(iv)	5 Mark	
Exercise - 12.1			8(i)	5 Mark	
1(i)	2 Mark		8(ii)	5 Mark	
1(ii)	2 Mark		9	3 Mark	
1(iii)	2 Mark		10	5 Mark	
2	2 Mark		11	5 Mark	
3	2 Mark		12	5 Mark	
4	2 Mark		13	5 Mark	
5(i)(ii)	5 Mark		14	5 Mark	
6	2 Mark		15	5 Mark	
7	2 Mark		Exercise - 12.3 (1 - 20 One Marks)		
8(i)	2 Mark		M.VIGNESH.M.Sc.,B.Ed.,		
8(ii)	2 Mark		PG Asst in Mathematics		
8(iii)	2 Mark		Sri Sakthi Vikaas Hr.Sec.School		
8(iv)	2 Mark		My Best Wishes to Everyone		
9	5 Mark		Kingboyvignesh@gmail.com		
10	5 Mark		Whatsapp : 9659681003.		