+2 MATHS   **SAIVEERA ACADEMY**   **STUDY MATERIALS**

Maths Chapter wise 2m , 3m , 5m questions

Chapter – 1 Application of Matrices and Determinants

Two mark questions

Example	Exercise
1.2 , 1.4 , 1.6 , 1.7 , 1.11 , 1.13 , 1.15(i) , 1.16(i) , (ii) , (iii) and 1.17 **Theorem (1.2 , 1.4 , 1.5 , 1.6 , 1.7 1.8 , 1.19)**	**1.1** - 1(i) , 2(i) , 9 **1.2** - 1(i) , (ii) , (iv) & (v) **1.7** – 1(ii)

Three marks questions

Example	Exercise
1.3 , 1.5 , 1.8 , 1.9 , 1.14 , 1.15 (ii) , 1.18 , 1.20 , 1.22 , 1.31 , 1.35 **Theorem 1.3**	**1.1** - 1(ii) , 2(ii), (iii) 5,6,7,8,10,11,12,13,14 & 15 **1.2** - 2 (i) , (ii) , (iii) **1.3** – 1(i) , (ii) , 3 & 4 **1.4** - 1(i) , (ii) , 2 ,3 ,4

Five marks questions

Example	Exercise
1.1 , 1.10 , 1.12 , 1.19 , 1.21 1.23 , 1.24 1.25 , 1.26 , 1.28 , 1.29 , 1.30 , 1.31 1.32 , 1.33 , 1.34 1.35 , 1.36 , 1.37 , 1.38 , 1.39 , 1.40	**1.1** - 3 , 4 **1.2** - **3** (ii) , (iii) **1.3** – 1(iii) , (iv) , 2 , 5 **1.4** - 1(iii) , (iv) , 5 **1.5** - 1, 2 , 3,4 **1.6** – 1 , 2 , 3 **1.7** – 1, 2 ,3

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+2 MATHS   SAIVEERA ACADEMY   STUDY MATERIALS

Chapter – 2 complex numbers

Two marks questions

Example	Exercise
2.1 (iii) , (iv) & (v) 2.3 , 2.4 , 2.6 , 2.7 2.10 – (i) , (ii) & (iii) , 2.11 , & 2.17 2.19 , 2.20 2.22 , 2.23 , 2.24	**2.1** -1, 2 , 3 , 4 , 5 & 6 **2.2** - 1- (i) **,** (ii) , (iii) & (iv) **2.3** – 1 - (i) , (ii) **2.4** - 1- (i) , (ii) , (iii) 2 – (i), (ii) & (iii) **2.5** - 1- (i) **,** (ii) , (iii) & (iv) 8 , 10- (i) **,** (ii) , (iii) **2.6** – 3- (i) & (iv) 4 - (i) **,** (ii) , (iii) 5 – (i) **2.7** – 1- (i) **,** (ii) , (iii) **2.8 –** 1 & 7

Three marks questions

Example	Exercise
2.2 2.5 Triangle inequality theorem 2.9 , 2.12 , 2.13 , 2.14 , 2.16 , 2.18 & 2.21 2.25 , 2.26 2.28 , 2.29 , 2.3 0, 2.32 , 2.33	**2.2** -1 – (v) & (vi) 2- (i) & (ii) 3 **2.3** – 2 - (i) & (ii) , 3 **2.4** - 3 ,4 ,5 6 , 7 – (i) & (ii) **2.5** - 2 , 3 , 4, 5 , 6 , 9 **2.6** –1 , 3- (ii) & (iii) **, 5 (ii)** **2.7** – 1-(iv) 2- (i) , (ii) 3 ,4 ,5 **2.8** – 3 , 6 , 8 ,9

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+2 MATHS   **SAIVEERA ACADEMY**   **STUDY MATERIALS**

Five marks questions

Example	Exercise
2.8 & 2,15 2.31 – (i) & (ii) 2.34 , 2.35 & 2.36	**2.5** - 7 **2.6** – 2 **2.7** – 6 **2.8** – 2, 4 , 5 & 10

Chapter – 3 Theory of equation

Two marks questions

Example	Exercise
3.3 3.8 , 3.9 , 3.11 , 3.12 & 3.13 3.19 3.30 , 3.31 (each)	**3.1** – 2 (each) , 8 ,11 & 12 **3.2** - 2 & 3 **3.3** – 7 **3.5** – 2(ii) **3.6** – 1 , 3, 4 , 5

Three marks questions

Example	Exercise
3.1 , 3.2 , 3.4 , 3.5 & 3.7 3.10 , 3.14 3.16 , 3.17 , 3.18 , 3.20 , 3.21 , 3.22 3.25 , 3.26 , 3.27 , 3.29	**3.1** – 1, 3 (each) , 5 ,7 , 9 & 10 **3.2** - 1 & 5 **3.3** – 1, 2 ,3 & 6 (each) **3.5** – 1 (i) , (ii) , 2(i) , 5(ii) & 6

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Five marks questions

Example	Exercise
3.6 3.15 3.23 & 3.24 3.28	**3.1** – 4 & 6 **3.2** - 4 **3.3** – 4 & 5 **3.4** – 1(i) , (ii) **3.5** – 7 **3.6** - 2

Unit – 4 Inverse trigonometric functions

Two marks questions

Example	Exercise
4.1 , 4.2 , 4.3 (each) 4.13 , 4.14 , 4.15 4.16 , 4.17 (each) , 4.18(i) & (ii) , 4.19 , 4.24 & 4.26	**4.1** – 1, 2 , 7 (each) , 4 **4.2** - 1 (each) , 2 ,3 & 5 (each) **4.4** – 2(i) **4.5** – 1 , 4(i) and 6

Three marks questions

Example	Exercise
4.4 4.7 4.10 , 4.11 4.15 4.18 (iii) , 4.20 , 4.21(each) , 4.22 , 4.25 & 4.27	**4.1** – 3 & 6(each) **4.2** - 7 , 6 & 8 (each) **4.3** – 1 & 4 (each) **4.4** – 2(i) , (iii) **4.5**– 2(each) , 3 , 4(ii) , 7 , 8 , 9(each) , 10

Five mark questions

Exercise	Example
	4.23 , 4.28 & 4.29

Chapter – 5 Two dimensional analytical geometry

Two marks questions

Example	Exercise
5.1 , 5.3 , 5.4 , 5.5 , 5.6 , 5.12 5.14 , 5.15 , 5.16 & 5.23 5.26	**5.1** – 1 , 2 , 5 , 8 , 11 **5.2** - 1(i) to (iv) each

Three marks questions

Example	Exercise
5.2 , 5.7 , 5.8 , 5 .9 , 5.11 5.14 , 5.15 **Theorem 5.5 , 5.18 , 5.25** 5.27 & 5.28 5.30 ,5.32 , 5.34 , 5.35 , 5.36 , 5.37 , 5.38	**5.1** – 3 ,4 , 7 , 9 , 10 , 12 **5.2** - 2 & 3 (each) 4 (i) to (iii) **,** 5 , 6 , 7 & 8 (i) to (iv) **5.4** – 4 , 5 , 6 , 7 ,8

Five marks questions

Example	Exercise
5.10 & 5.13 5.17 , 5.19 , 5.20 , 5.21 , 5.24 5.30 , 5.31 , 5.33 , 5.39 & 5.40	**5.1** – 6 **5.2** - 4(iv) , (v) , 8(v) , (vi) **5.4** – 1 ,2 ,3 **5.5** – 1 ,2 , 3, 4 , 5, 6 , 7 , 8 , 9 , 10

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Unit – 6 Vector Algebra

Two marks questions

Example	Exercise
6.12 , 6.13 , 6.14 , 6.15 , 6.18 , 6.20 6.31 , 6.32 6.38 , 6.40 , 6.41 , 6.42 6.45 , 6.47 , 6.48 , 6.51 , 6.52	**6.2** – 1 ,2 , 3 & 6 **6.4** - 1 ,2 , 5(i) , (ii) , (iii) & 9 **6.6** – 1 , 2 , 3 , 4 & 5 **6.9** – 3 ,4 , 6

Three marks questions

Example	Exercise
6.1 , 6.2 , 6.8 , 6.9 , 6.10 , 6.11 6.16 , 6.17 6.19 , 6.21 6.24 , 6.25 , 6.26 , 6.28 , 6.29 , 6.30 6.36 , 6.37 6.43	**6.1** – 1 ,2 ,3 , 4 , 5 , 6 , 7 , 8 , 11 , 12 , 13 & 14 **6.2** – 4 , 5 , 7 , 8 , 9 & 10 **6.3** – 1(i) , (ii) , 2 ,3 , 5 , 6 , 7 ,8 **6.4** – 4 , 6 , 7 & 8 **6.5** – 1 , 2 , 3 , 5 , 6 ,7 **6.6** – 6 **6.7** – 7 **6.8** – 3 **6.9** – `1, 2 , 5 , 7

Five marks questions

Example	Exercise
6.3 , 6.4 , 6.5 , 6.7 6.22 , 6.23 (i) , (ii) 6.27 6.33 , 6.34 , 6.35 6.44 , 6.46 6.55	**6.1** – 9 & 10 **6.3** – 5(each) **6.4** - 3 **6.5** - 4 **6.7** – 1 , 2 , 3 , 4 , 5 , **6.8** – 1, 2 ,4 **6.9** – 8

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