X MATHS

CONFIDENT

PUBLIC EXAM

QUESTION BANK

TAMIL & ENGLISH MEDIUM

An equation means nothing to me unless it expresses a thought of God.

WITH YOUR HAPPY.....

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15.	Example => **1.2 , 1.4 , 1.5 , 1.7 , 1.9 (ii, iii).** Ex 1.1 => **1(i, ii, iii) , 2 , 3 , 4 .** Ex 1.2 => **2 , 3.** Ex 1.3 => **1 , 2 , 5 , 8 .** Unit Ex 1 => **1 , 2 , 3 , 4 , 5 ,7 ,10(iii) .** Define – Cartesian product with example.(2) Define – Relation with example.(7) Define – Null Relation with example.(9) Define – function with example.(10)
16.	Example => **1.13, 1.14 , 1.17 , 1.18 , 1.20 , 1.21 , 1.23.** Ex 1.5 => 1(i,iii,v) , **4(i,ii) , 5 , 6 , 7 , 9** ,10. Ex 1.4 => **3 , 4 , 6 , 7(i,ii) , 8.** Unit Ex 1 => **8.** Define – Composition of function f and g with example.(27)
17.	Example => **2.35** , 2.42 , 2.46 , **2.49, 2.50, 2.52 , 2.54(iii), 2.55(ii) , 2.56(ii).** Ex 2.6 => **2 ,6.** Ex 2.7 => **5(ii), 3 , 8 .** Ex 2.8 => 1(i), **5** , 7 , **9.** Ex 2.9 => **1(ii, iv), 2 ,3 .**
18.	Example => 2.3 , **2.10 , 2.15 , 2.16 , 2.17 , 2.18 , 2.22 , 2.24 , 2.27.** Ex 2.1 => **3 , 10.** Ex 2.2 => **3 , 9.** Ex 2.3 => **2 , 7 , 8 , 9.** Ex 2.4 => **6, 2(ii), 4(ii).** Write Euclid's division lemma.(38) Write Euclid's division Algorithm.(40) Write the fundamental theorem of Arithmetic theorem.("Last"45)
19.	Example => **3.1 , 3.2 , 3.12(iii) ,3.14(iii) , 3.16(ii,iii) , 3.20(i), 3.29 3.30 , 3.37, 3.44 ,3.45(vi).** 3.1 => **1(ii).** Ex 3.3 => **1(iii) .** Ex 3.4 => **1(i).** Ex 3.5 => **2(ii) , 3(ii) , 5.** Ex 3.6 => **1(i,iii) , 2(ii) , 3** , 5. Ex 3.7 => **1(ii) , 2(i ,ii ,iii) .** Ex 3.8 => **1(iii).** Ex 3 .9 => **1(iv) , 2(iii) .** Ex 3.10 => **1(iii ,v) , 2 .** Ex 3.11 => **3.** Ex 3 .12 => **1.** Ex 3.13 => **1(iv) , 4.** Ex 3.14 => **2(iii) , 4.** Unit Ex 3 => **6(i) ,10 .** Write the relation between GCD &LCM.(98) Write the condition of nature of roots of quadratic equation.(118)
20.	Example => **3.54** , 3.55 , 3.56 , **3.59 , 3.60 , 3.61 , 3.62 , 3.63 (ii), 3.64 , 3.65 , 3.66 , 3.67.** Ex 3 .16 => **2 , 3(i ,ii) , 4 , 5 ,6 , 7(ii ,ii).** Ex 3 .17 => **4(i , iii) , 5(i , iii) , 6.** Unit Ex 3 =>**18 , 19 .** EX 3.18 => **4, 6 , 8 , 9 , 10.** Define – Matrix with example.(133) Define – Square, Diogonal ,Scalar ,Triangular matrices with example.(136)

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21.	Example => **4.6, 4.7 , 4.8 , 4.12 , 4.15 , 4.16 , 4.22 , 4.26.** Ex 4.1 => **6 , 8 , 9 .** Ex 4.2 => **8.** Ex 4.3 => **1 .** Ex 4. 4 => **1 , 4 , 5.** Define – cevian with diagram.(191) Write Giovanni Ceva's theorem.(191) Write Menelaus theorem.(192) Define similar triangles with example.(161) Define – Tangere (or) Tangent with diagram.(185) Write Alternate segment theorem.(186)
22.	Example => **5.1 , 5.2 , 5.9(iii,ii) , 5.12, 5.15 , 5.19 , 5.21 , 5.22 , 5.23, 5.26 , 5.33 , 5.32 , 5.34 , 5.35.** Define - gradient (or) slope.(210) Write any two formulas of straight line.(220,221)
23.	Ex 5.1 => **2(i).** Ex 5.2 => **4 ,5 , 7 , 8 , 11.** Ex 5.3 => **1 , 4 , 5 , 6, 7(i), 10 , 12(ii) , 13(i) .** Ex 5.4 => 3(i) , **4.**
24.	Example => **6.2 , 6.5, 6.7 , 6.9,6.10 ,** 6.12,**6.15 ,6.19 ,6.20 ,6.26 ,** 6.27. Ex 6.1 => **1(ii) , 2(i ,ii) , 3(i ,ii) , 4(i,ii) , 5(i).** Ex 6.2 => **1 , 2.** Ex 6.3 => **1 , 2.** Unit Ex 6 => **2 .** Define – Clinometer and its diagram(249)
25.	Example => 7.1, **7.2 , 7.3, 7.5, 7.6, 7.8 , 7.9, 7.10 ,** 7.13, **7.19 ,** 7.21. Ex 7.1 => **5 ,** 8. Ex 7.2 => **3 , 5.**
26.	Example => **8.1, 8.2 , 8.3 , 8.15.** Ex 8.1 => **1(i,ii) , 2 , 3 , 7 , 8 , 9.** Ex 8.2 => **1 , 2 , 3 , 4 , 7.** Unit Ex **8** => **4 , 7.** Write the different measures of dispersion.(302) Define –Range.(303)
27.	Example => **8.19 , 8.21, 8.23 , 8.24 , 8.25 , 8.27 , 8.33.** Ex 8.3 => **1 , 2 , 3 , 4 ,** 11 **.** Ex 8.4 => 1 , **3, 4 , 5.** Unit Ex **8** => **9 , 10.** Define - sample space with example.(316)
28.	ALL CHAPTER CREATIVE QUESTION ANY ONE HERE……..

NOTE : SLOW LEARNER TRY THIS METHOD

PART – I

I . ALL CHAPTER ONE MARKS = 10 MARKS

PART – II

II. Q.NO : 15 , 16 , 20 , 21 , 25 , 26 , 27. = 14 MARKS

PART – III

III. Q.NO : 29 , 30 , 33 , 34 , 40 , 41 ,
SUARE ROOTS & GCD = 35 MARKS

PART – IV

IV. Q.NO : 43 , 44. = 16 MARKS

TOTAL SCORE

75/100

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29.	Example => **1.1 , 1.3 (i, ii)** , 1.8 , 1.6 , **1.11 , 1.15 .** Ex 1.1 => **4 , 5 , 6(i, ii, iii) , 7(i, ii) .** Ex 1.3 => **3 , 6 .** Ex 1.4 =>**2, 12.** Explain the types of function.(P. No : 17, 23 and 31)
30.	Example => **1.19, 1.22 , 1.24 , 1.25 .** Ex 1.5 => **3 , 2(i,ii) , 8(ii,** iii) . Ex 1.4 => **9 , 10** , 11 . Unit Ex **1** => **6 , 9 .**
31.	Example => **2.51 , 2.56(ii), 2.29, 2.36 , 2.38 , 2.39.** Ex 2.7 => **6 , 12.** Ex 2.8 => **6(i, ii), 8 , 10 .** Ex 2.9 => **1(vi) , 4 , 5 ,6 ,** 7.
32.	Example => **3.10 ,3.11 , 3.21 ,3.22 ,3.23 , 3.10 ,3.11,3.18 ,3.39,3.40 .** 3.2 => **1 (iii, iv) , 2 (vi) .** Ex 3.7 => **2 (iv, v) .** Ex 3.8 => **1 (** i , **ii , iii) , 2 , 3 (i,ii) , 4 (i, ii) .** Ex Ex 3.12 => **6.** Unit Ex **3** => **5 , 9 .**
33.	Example => **3.69 , 3.70 , 3.68 ,3.20 (ii , iii).** Ex 3 .17 => **2 , 3 , 6 , 8 .** EX 3.18 => **5 , 7(i, ii, iii), 11 , 12 , 13.** Explain the types of matrices.(P. No : 135, 136 and 137)
34.	Example => **4.32 , 4.25 , 4.21 , 4.9.** Ex 4.2 => **1(ii) .** Ex 4.3 => **7.** Ex 4.4 => 6 , **9 .** Unit Ex **4** => **5,** 8. **Theorem(1 , 3 , 5 ,** 6 **).**
35.	Example => **5.1 , 5.5 , 5.6 , 5.7 , 5.16 , 5.28.** Ex 5.1 => **5(i ,ii) , 10 .** Ex 5.2 => **13 .** Ex 5.3 => **9 ,** 11.
36.	Ex 5.4 => **7 , 8 , 9 , 10 , 11 , 12 .** Example => **5.36.** Unit Ex 5 => **3 , 8 ,9.**
37.	Example => **6.8 ,** 6.11 , 6.14 , 6.17 , **6.30 , 6.32 , 6.33.** Ex 6.1 => **7(ii) , 8(ii) , 10.** Ex 6.2 => **4 , 5 , 6 , 7 , 8 .** Ex 6.3 => **4 , 5 , 6.** Ex 6.4 => 1 , **2 , 3 , 4.** Unit Ex 6 => 3 , 4 , **5 , 8 .**
38.	Example => **7.25 , 7.26 , 7.27 .** Ex 7.2 => **9 , 10.** Ex 7.3 => **2 , 5 , 8.** Unit Ex **7** => **1 , 4 , 10.**
39.	Example => **7.23, 7.29 , 7.30, 7.31 .** Ex 7.1 => **2 , 6.** Ex 7.4 => 1, **2 , 4, 6 , 7.** Unit Ex **7** => **5, 9.** Drive The Formula Of Frustum of cone.(287)
40.	Example => 8.4 , **8.5 , 8.7 , 8.10 , 8.11 , 8.12 , 8.13 ,** 8.14 , **8.17.** Ex 8.1 => **4 , 5 , 6** , 10 , 11 , 15. Ex 8.2 => **5 , 6.** Unit Ex **8** => **3,** 5.
41.	Example => **8.20 , 8.22 , 8.28 , 8.29 , 8.31 , 8.32 .** Ex 8.3 => **6 , 7 , 8 ,** 9 **, 12 , 15 .** Ex 8.4 => **6 , 7 , 8 , 9 , 11 , 12 , 13 , 14.** Unit Ex **8** => **8 , 12. Theorem 1(325).**

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42.	Example => **3.47(iii),** Ex 3.12 => 2 , **3 , 4 , 5 , 7 , 10.** Ex 3 .13 => **3 , 5 .** Unit Ex **3** => 3, 7 , **10 , 11 , 14 , 15(ii) .** **(OR)** Unit Ex **2** => **5 , 9 .** Ex 2.2 => **7.** Ex 2.5 => **7 , 11, 12 .** Ex 2.6 => **7 , 10 , 11 , 12.** **(OR)** ALL CHAPTER CREATIVE QUESTION ANY ONE HERE……..

X MATHS CONFIDENT PART – IV IMPORTANT QUESTIONS

43.	**a)** Example => **4.10 , 4.11 , 4.0 , 4.31.** Ex 4.1 => **10, 11 , 12 , 13.** Ex 4.4 =>**13 , 14 , 15 , 16, 17.**
	b) Example => 4.17 , 4.18 , 4.19. Ex 4.4 => 12 , 13 , 14 , 15 , 16 , 17.
44.	**a)** Example => **3.48(i ,ii ,iii).** Ex 3.15 => **1(i , ii , iii , v, vi).**
	b) Example => 3.49 , 3.50 , 3.51 , 3.52. Ex 3.15 => 3 , 5 , 6 , 7.

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