

CLASS XI- MATHS		
IMPORTANT 5 MARKS QUESTIONS MARCH 2018		
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1.MATRICES AND DETERMINANTS		
EXERCISE	EXAMPLE	
EX.1.2 -5,6,7,8,10(i),(ii)	1.17,1.18,1.19,1.20,1.24,1.21,1.22,1.28,1.29 Q41(a)-5marks	
EX.1.3 -2,4,5		
EX.1.4 -1,2		
2.VECTOR ALGEBRA		
EXERCISE	EXAMPLE	
EX.2.1 - 9,10,11,12	2.6,2.8,2.9 Theorem2.7 and Theorem2.8	
EX.2.2 -15,16,9,10,11 Q41(b)-5marks		
3.ALGEBRA		
EXERCISE	EXERCISE	
EX.3.1 - 11,12,9,8,6,4,3	3.3,3.2,3.5,3.4,3.39,3.46,3.43,3.50,3.52,3.53,3.58	
EX.3.5 - 6,7,8,9		
EX.3.7 - 9,10		
4.SEQUENCE AND SERIES		
EXERCISE	EXAMPLE	
EX.4.2 - 5,9,3,4,5	4.10,4.14,4.15,4.3	
EX 4.3 -3,4		
5.ANALYTICAL GEOMETRY		
EXERCISE	EXAMPLE	
EX.5.2 -7,10	5.26,5.20,5.31,5.32,5.39,5.57	
EX.5.3 -19,21,22,12,14,15,9		
EX.5.4 - 11,10,9,8,4		
EX.5.5 -10,11		
EX.5.7 -7,8		
6. TRIGONOMETRY		
EXERCISE	EXAMPLE	
EX.6.2 -3,6,11	6.15,6.16,6.20,6.38,6.39,6.40,6.55,6.54,6.56,6.57,6.48 *State and prove :Napier's formula ,sine formula,cosine formula Q44(a)-5marks *Prove that $\cos(A+B)=\cos A\cos B-\sin A\sin B$	
EX.6.3 - 2,3,4,5,7,8(Q35-3marks)		
EX.6.4 - 12		
EX.6.5 -7		
EX.6.6 -8,9,3,4		
EX.6.7 -5		
EX.6.10 -6,7,8		
7.FUNCTIONS AND GRAPHS		
EXERCISE		EXAMPLE
EX.7.1 - 5,6,7		7.34
8. DIFFERENTIAL CALCULUS		
EXERCISE	EXAMPLE	
EX.8.6 -9	8.6,8.10,8.59,8.65,8.70,8.72,8.76,8.77,8.82,8.84 Q35-3marks	
EX.8.8 -4		
EX.8.9 -9,7,10		

EX.8.10 -5,8,9 EX.8.11 -5,6,7 EX.8.12 -8,9,10,11,7,12 EX.8.13 -6,8,9,10	
9.INTEGRAL CALCULUS	
EXERCISE	EXAMPLE
EX.9.6 -12,10,5,14,21,22,23 EX.9.7 -7,8	9.73,9.81,9.87,9.69, 9.114 to 9.119, 9.132 to 9.134(9.133-Q47(a)-5marks)
10.PROBABILITY	
EXERCISE	EXAMPLE
EX.10.3 -2,15,20,14,17 EX.10.4 -2,4,5	Theorem10.4 10.4,10.5,10.8, 10.14,10.13 ,10.16,10.17,10.18,10.19
<p>Only the best to reach the Top, Mathstimes helps to get there!!! Wish you all the best by K.Thirumurugan</p>	

*Bold numbers are very important questions for slow learners

From this 5marks Abstract, the following questions appeared in Govt public Exam, March 2018

5marks-41(a),41(b),44(a),47(a)- 20marks

3marks-35,36, -6marks

Total=26marks

From 2 & 3 marks abstract =36marks

(only 2,3,&5 marks) Total=62/70