

MATHEMATICS IA QUESTION PAPER PATTERN/DESIGN

WEIGHTAGE to Form Questions:

Forms of Questions	VSA	SA	LA	TOTAL
No. of Questions	10/10	5/7	5/7	20/24
Marks Allotted	10x2/10x2	5x4/7x4	5x7/7x7	75/97
Estimated Time	10x4mts/ 40mts	5x9mts/ 45mts	5x18mts/ 90mts	175mts 5 mts grace

WEIGHTAGE to Content:

ALGEBRA	Marks
1. Functions	13
2. Surds	04
3. Logarithms	04
4. Mathematical Induction	07
VECTOR ALGEBRA	
5. Addition of Vectors	08
6. Multiplication of Vectors	13
TRIGNOMETRY	
7. Trigonometric Functions	11
8. Trigonometric Equations	04
9. Inverse functions	04
10. Hyperbolic functions	02
11. Properties of Triangles	09
12. Heights and Distances	07
13. Complex Numbers	07
14. De Moivre's theorem	02
15. Trigonometric Expansions	02
Total:	97

Scheme of Sections: A, B, C

Scheme of Options : No option in Section - A
Open choice in Section B & C (5 out of 7)