

MATHEMATICS IB QUESTION PAPER PATTERN/ DESIGN

Weightage to Form of 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:

CO-ORDINATE GEOMETRY	MARKS
1. Locus	04
2. Transformation of Axes	04
3. Straight lines	15
4. Pair of Straight lines	14
3-D	
5. 3D – Coordinates	06
6. Direction Co-sines	07
CALCULUS	
7. Limits and continuity	06
8. Derivatives	13
9. Applications of Derivatives	22
10. Partial differentiation	06
Total	97

Scheme of Sections: A, B, C

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