

QUESTION PAPER PATTERN

Subject	:	Mathematics
Paper	:	Paper –II B
Class	:	II Year Intermediate (Coordinate Geometry, Calculus)
Time	:	3 Hours
Max. Marks	:	75

1. Weightage of Objectives :

Objectives	Knowledge	Understanding	Application	Total
Actual Marks	41	28	28	97

2. Weightage to form of Questions :

Form of questions	VSA Sec A	SA Sec B	LA Sec C	Total
No. of questions	10 of 10	5 of 7	5 of 7	20 of 24
Marks allotted	$\frac{10 \times 2=20}{10 \times 2=20}$	$\frac{5 \times 4=20}{7 \times 4=28}$	$\frac{5 \times 7=35}{7 \times 7=49}$	75 / 97

3. Weightage to content units / sub-units :

Coordinate Geometry

1. Circles	16
2. System of Circles	07
3. Parabola	09
4. Ellipse	06
5. Hyperbola	06
6. Polar Coordinates	06

Calculus

7. Successive differentiation	06
8. Integration	15
9. Definite Integration	09
10. Numerical Integration	09
11. Differential equations	08

Total	97
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