

PHYSICS QUESTION PAPER DESIGN

1. Weightage to Objectives:

Objectives	KNOWLEDGE	UNDERSTANDING	APPLICATION	SKILL	TOTAL
Percentage of Marks	40	30	20	10	100
Marks	24	18	12	06	60

2. Weightage to Form of Questions:

Forms of Questions	Essay	Short Answers	Very Short Answers	Total
No. of Questions	03	08	10	21
Marks Allotted	02	06	10 (No Choice)	18
Estimated Time	16/24	24/32	20/20	60/76

3. Weightage to Content Units/Sub-Units :

Marks

1. UNIT-I	Units and Dimensions, Elements of Vector, Kinematics, Dynamics, Collisions, Centre of mass, Friction	26
2. UNIT-II	Rotary motion, gravitation, Simple harmonic motion, Elasticity, Surface Tension, Viscosity	26
3. UNIT-III	Thermal expansion of materials, Thermo-Dynamics Transmission of Heat	24
	Total	76

4. Scheme of Sections: A,B,C

5. Scheme of Options : No option in Section-A,
Section B 6 out of 8
Section C 2 out of 3