

THEORETICAL EXAMS

(Common to Electronics, Photonics and Instrumentation Specialisations)

SEMESTER - 1

SUBJECTS	Minor -1 Marks	Mid - Exams Marks	Minor - 2 Marks	End - Exams Marks
Complex Variables and Integral Transforms	10	30	10	50
Quantum Mechanics	10	30	10	50
Solid State Physics	10	30	10	50
Optical Physics	10	30	10	50
Network Analysis	10	30	10	50

SEMESTER - 2

SUBJECTS	Minor -1 Marks	Mid - Exams Marks	Minor - 2 Marks	End - Exams Marks
Electromagnetic Theory	10	30	10	50
Atomic and Molecular Physics	10	30	10	50
Electronic Devices and Circuits	10	30	10	50
Signals and Systems	10	30	10	50
Problem Solving and Computer Programming	10	30	10	50

SEMESTER - 3

SUBJECTS	Minor -1 Marks	Mid - Exams Marks	Minor - 2 Marks	End - Exams Marks
Switching Theory and Logic Design	10	30	10	50
Materials Science	10	30	10	50
Opto-Electronics	10	30	10	50
Linear Integrated Circuit Applications	10	30	10	50
Measurement Techniques and Error Analysis	10	30	10	50