

NOTICE

STD. XI (2013-14)

SYLLABUS FOR UNIT TEST EXAMINATION

SUBJECT	TOPICS
PHYSICS	1. Measurements 2. Current electricity 3. Electrostatics
CHEMISTRY	1. Some basic principles and techniques Sub Topics: Tetravalency of carbon, alkane, alkene
MATHEMATICS	1. Differentiation 2. Limits 3. Matrices 4. Determinants (only ex 10.1) 5. Logarithm
ENGLISH	1. Grammar & poetic device
COMPUTER SCIENCE - I	1. Number system 2. Program analysis
COMPUTER SCIENCE - II	1. Logic gate - Basic logic gate - Universal logic gate - Half adder - Full adder - De – Morgan's theorem - Drawing of logical diagram with logical equation - Applications of EX-OR gate - 4-bit adder/Subtractor
ELECTRICAL MAINTENANCE - I	1. Electric circuit 2. Work, power and energy 3. Effects of electric current
ELECTRICAL MAINTENANCE - II	1. Alternating Current 2. D.C. & A.C.
BOTANY	1. Diversity in Living Organism 2. Plant Kingdom
ZOOLOGY	1. Animal Tissues 2. Study of Animal Types
PSYCHOLOGY	1. Introduction to Psychology 2. Methods of Psychological Inquiry
IT	1. Introduction to Information Technology 2. Office Suite