

PACE JUNIOR SCIENCE COLLEGE (BORIVALI)

XI STANDARD - FINAL EXAMINATION SYLLABUS (ENGINEERING)

Subject	Syllabus
PHYSICS	1. FRICTION OF SOLIDS AND LIQUIDS 2. RAY OPTICS 3. REFRACTION OF LIGHT 4. CIRCULAR MOTION 5. CURRENT ELECTRICITY 6. MAGNETIC EFFECT OF ELECTRIC CURRENT 7. ELECTROSTATICS
CHEMISTRY	1. CHEMICAL EQUILIBRIUM 2. CHEMICAL BONDING 3. PERIODIC TABLE 4. BASIC PRINCIPLES AND TECHNIQUES (GOC) 5. HYDROCARBON (ALKANE, ALKENES, ALKYNES & AROMATIC)
ENGLISH	UNIT THREE : 3.2 SCHOOLING ON THE STREETS 3.4 MUMBAI'S DABBAWALAS UNIT FOUR : 4.4 A LETTER FROM A FATHER TO HIS LITTLE SON UNIT FIVE : 5.1 MY MOTHER 5.2 TRAFFIC PROBLEMS 5.3 INDIAN WOMAN'S INCOME DOUBLE UNIT SIX : 6.1 MARCHING SONG UNIT SEVEN : 7.3 FOR HEAVEN'S SAKE 7.4 MARTIN LUTHER KING JR: A TRIBUTE UNIT EIGHT : 8.2 HARRY POTTER NOVELS GO DIGITAL RAPID READING - THE HAPPY PRINCE WRITING SKILLS Q.6 (A) (I) FORMAL LETTER (JOB APPLICATION) (II) SEMI FORMAL LETTER (B) TOURIST LEAFLET, APPEAL WRITING, DIALOUGE WRITING REPORT WRITING AND NEWS ITEM. (C) COUNTER VIEW AND INFORMATION TREANSFER (NON VERBAL TO VERBAL) Q.7 (A) FRAMING QUESTIONS FOR THE INTERVIEW (B) PREPARING SPEECH WRITING.
PHYSICAL EDUCATION	Questions will ask from the provided Question bank
MATHS	1. LOGARITHM (STD.XI) 2. DETERMINANTS (STD.XI) 3. MATRICES (STD.XI & XII) 4. PAIR OF STRAIGHT LINE (STD.XII) 5. LIMITS (STD.XI) 6. DIFFERENTIATION (STD.XI) 7. INTEGRATION (STD.XI) 8. SETS AND FUNCTIONS

ELECTRICAL MAINTENANCE I	<ol style="list-style-type: none">1. TYPES OF WIRES AND WIRING ACCESSORIES2. WIRING SYSTEM & WIRING DIAGRAMS3. MEASURING INSTRUMENTS
COMPUTER SCIENCE I	<ol style="list-style-type: none">1. C++ - FULL2. VISUAL BASIC3. NETWORKING AND INTERNET
ELECTRICAL MAINTENANCE II	<ol style="list-style-type: none">1. SINGLE PHASE & THREE PHASE MOTORS2. STARTERS INCLUDING DC MOTOR STARTER3. POLY PHASE CIRCUITS
COMPUTER SCIENCE II	<ol style="list-style-type: none">1. FLIP FLOPS2. COUNTERS3. PERIPHERAL DEVICES4. FUNCTIONAL HARDWARE PART OF PC