



UNIT TEST II EXAMINATION SYLLABUS (DECEMBER 2020)

CLASS : XI

<u>SUBJECT</u>	<u>SYLLABUS</u>
ENGLISH (Theory - 30 marks)	<ul style="list-style-type: none">● The Leisure Gap● The Bubble Gum Syndrome● Animal Farm- Supplementary Reader● Comprehension (Reading Skills)● Article writing● Letter writing-<ol style="list-style-type: none">a. Enquiryb. Orderc. Complaintd. Editor
MATHEMATICS (Theory- 30 marks)	<ul style="list-style-type: none">● Ch 10-Straight Lines● Ch 11-Conic section● Ch 13-Limits and Derivatives
PHYSICS (Theory- 30 marks)	<ul style="list-style-type: none">● Work Energy Power: <i>Work done by a constant force and a variable force; kinetic energy, work-energy theorem, power. Potential energy, potential energy of a spring, conservative and non conservative forces: conservation of mechanical energy (kinetic and potential energies), motion in a vertical circle</i>● <i>Motion of rigid bodies: Centre of mass of a two-particle system, momentum conservation and centre of mass motion. Centre of mass of a rigid body. Moment of a force, torque, angular momentum, Law of conservation of angular momentum and its applications. Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions. Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation)</i>● <i>Gravitation Universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth. Gravitational potential energy and gravitational potential, escape velocity, orbital velocity of a satellite, Geo-stationary satellites.</i>
CHEMISTRY (Theory- 30 marks)	<ul style="list-style-type: none">● Ch 5- States Of Matter(Entire Chapter)● Ch 6-Thermodynamics● Ch 10- S-block Elements
COMPUTER SCIENCE (Theory- 30 marks)	<ul style="list-style-type: none">● Ch 6-Lists● Ch 7- Tuples and Dictionary● Ch 11- Database Concepts

BIOLOGY (Theory- 30 marks)	<ul style="list-style-type: none"> ● Ch- Structural organisation in animals ● Ch- Cell the unit of life ● Ch- Cell cycle and cell division
ACCOUNTANCY (Theory- 30 marks)	<ul style="list-style-type: none"> ● Bills of Exchange ● Depreciation ● Reserves and Provisions ● Bank Reconciliation Statement
BUSINESS STUDIES (Theory- 30 marks)	<ul style="list-style-type: none"> ● Ch-Social Responsibility ● Ch-Sources of Business Finance ● Ch- Internal Trade
ECONOMICS (Theory- 30 marks)	<p>Microeconomics</p> <ul style="list-style-type: none"> ● Ch - Cost ● Ch -Supply and elasticity of supply <p>Statistics for economics</p> <ul style="list-style-type: none"> ● Ch- Measures of Central tendency
HISTORY (Theory- 30 marks)	<ul style="list-style-type: none"> ● Theme 7: Changing Cultural Traditions ● Theme 9:The Industrial Revolution
POLITICAL SCIENCE (Theory- 30 marks)	<p><u>BOOK - INDIAN CONSTITUTION AT WORK</u></p> <p>Ch 5- LEGISLATURE</p> <ul style="list-style-type: none"> ● Why Do We Need a Parliament? ● Unicameral/Bicameral Legislature ● Functions and Powers of the Parliament ● Parliamentary Committees <p>Ch 6- JUDICIARY</p> <ul style="list-style-type: none"> ● Why Do We Need An Independent Judiciary? ● Structure and Jurisdiction of the Judiciary ● Judicial Review ● Judicial Activism <p>Ch 8- LOCAL GOVERNMENT</p> <ul style="list-style-type: none"> ● 73rd Amendment ● 74th Amendment <p><u>BOOK - POLITICAL THEORY</u></p> <p>Ch 1- INTRODUCTION TO POLITICAL THEORY</p> <ul style="list-style-type: none"> ● What is Politics? ● What is Political Theory? ● Relevance of Political Theory <p>Ch 2- FREEDOM</p> <ul style="list-style-type: none"> ● Negative Liberty ● Positive Liberty
GEOGRAPHY (Theory- 30 marks)	<p>India: Physical Geography</p> <ul style="list-style-type: none"> ● Ch 1- India-location ● Ch 3- Drainage system
PSYCHOLOGY (Theory- 30 marks)	<ul style="list-style-type: none"> ● Ch 5 - Sensation, Attention and Perceptual Processes ● Ch 6 - Learning

<p>INFORMATICS PRACTICES (Theory- 30 marks)</p>	<p>Ch - 6</p> <ul style="list-style-type: none"> ● Dictionary <p>Ch - 7</p> <ul style="list-style-type: none"> ● Introduction to MySQL ● Database Concepts ● DDL commands- CREATE ● DML commands-SELECT, INSERT with FROM, WHERE clauses.
<p>PAINTING (Theory- 30 marks)</p>	<ul style="list-style-type: none"> ● Ch 8. Artistic Aspects of Indian Temple Sculptures ● Ch 9. Indian Bronze Sculptures ● Ch 10. Some Artistic Aspects of Indo-Islamic Architecture
<p>PHYSICAL EDUCATION (Theory- 30 marks)</p>	<ul style="list-style-type: none"> ● Unit-6 Physical Education and Leadership Training ● Unit-7 Test and Measurement
<p>HOME SCIENCE (Theory- 30 marks)</p>	<ul style="list-style-type: none"> ● Unit III: Understating family, community and society Ch-Concerns and needs in diverse contexts <ul style="list-style-type: none"> a. Nutrition, Health and Hygiene b. Work , worker and workplace c. Resources Availability and Management d. Learning, Education and Extension e. Textile Traditions in India ● Unit IV: Childhood Ch-Survival, Growth and Development Ch-Nutrition, Health and Wellbeing Ch-Our Apparel