

ANNUAL EXAM SYLLABUS

CLASS XI (2016-17)

<p><u>BIOLOGY</u></p> <p><u>UNIT -3 –CELL STRUCTURE AND FUNCTIONS</u></p> <p>Chapter-8 Cell: The unit of life Chapter-9 Biomolecules Chapter-10 Cell cycle and Cell division</p> <p><u>UNIT-4 PLANT PHYSIOLOGY</u></p> <p>Chapter-11 Transport in plants Chapter -12 Mineral nutrition Chapter-13 Photosynthesis in plants Chapter-14 Respiration in plants Chapter-15 Plant growth and development</p> <p><u>UNIT-5 HUMAN PHYSIOLOGY</u></p> <p>Chapter-16 Digestion and absorption (OTBA) Chapter-17 Breathing and exchange of gases (OTBA) Chapter-18 Body fluids and circulation Chapter-19 Excretory products and elimination Chapter-20 Locomotion and movement Chapter-21 Neural control and coordination Chapter-22 Chemical coordination ,integration</p>	<p><u>GEOGRAPHY: (THEORY)</u></p> <p>TEXTBOOK : 1. Fundamentals of physical Geography. UNIT: II. Chapter: 3. Interior of the Earth. Chapter:4 . Distribution of Oceans and Continents. UNIT: III. Chapter: 5. Minerals and Rocks. Chapter: 6. Geomorphic Processes. Chapter: 7. Landforms and their Evolution. UNIT: IV. Chapter:8. Composition and Structure of the Atmosphere. Chapter: 9. Solar Radiation, Heat Balance and Temperature.. Chapter: 10. Atmospheric Circulation and Weather Systems. Chapter; 11. Water in the Atmosphere. Chapter:12. World Climate and Climate Change. UNIT. V. Chapter. 13. Water (Oceans) UNIT.6. Chapter: 15. Life on Earth. Chapter: 16. Biodiversity and Conservation.</p> <p>TEXTBOOK.2. Physical Environment: India. Chapter:1.India -Location Chapter. 2. Structure and Physiography. Chapter: 4. Climate. Chapter:5. Natural Vegetation. Chapter: 6. Soils.</p> <p>OTBA: Theme.1. Organic Farming. Theme.2. Naturalization of Humans and Humanization of Nature.</p> <p>PRACTICALS:</p> <p>1.Longitude and time. 2. Scale. 3. Types of Map. 4. Drawing of contour line. 5. Drawing and identification of relief features. 6. Identification of slopes. 7. Weather maps(Symbols , Climographs, Isoleth maps).</p>
<p><u>BUSINESS STUDIES</u></p> <p>Chapter 1- Nature and Purpose of Business Chapter 2-Forms of Business Organisation Chapter 3-Private, Public and Global Enterprises Chapter 4- Business Services Chapter 5-Emerging Modes of Business Chapter 6-Social Responsibility of Business and Business Ethics Chapter 7-Formation of a Company Chapter 8-Sources of Business Finance Chapter 9-Small Business Chapter 10-Internal Trade Chapter 11-International Business-Import and Export Procedure; Important Documents used in Import and Export Trade; Contract Manufacturing and Licensing and franchising</p>	<p><u>CHEMISTRY</u></p> <p>Chapter 2- Structure of atom Chapter 3- Classification of elements Chapter 4- Chemical bonding Chapter 5- States of matter Chapter 6 – Thermodynamics Chapter 7 – Equilibrium Chapter 8 – Redox Reactions Chapter 9 – Hydrogen Chapter 10 – s block elements Chapter 11 – p block elements Chapter 12 – Organic Chemistry :Some basic principles Chapter 13 – Hydrocarbons</p>
<p><u>ACCOUNTANCY:</u></p> <p>UNIT 1:</p> <p>1.Introduction to Accounting 2.Basic Accounting Terms 3.Theory Base of Accounting</p> <p>UNIT 2:</p> <p>4. Bases of Accounting 6. Accounting Procedures-Rules of debit and credit 7.Origin of Transactions- Source Documents 8. Journal Entries 9. Special Purpose Books I-Cash Book 10. Special Purpose Books II- Other Books 11.Bank Reconciliation Statement 13. Depreciation 14. Provision and Reserves</p>	<p><u>ENGLISH</u></p> <p><u>HORNBILL :</u></p> <p>1. The Portrait of a Lady 2. Discovering Tut : The Saga Continues 3.The Ailing Planet : The Green Movement’s Role 4. The Browning Version</p> <p>1. A Photograph 2. The Voice of rain 3. Childhood 4. Father to Son</p> <p><u>SNAPSHOTS :</u></p> <p>1. The Summer of the Beautiful White Horse 2. The Address 3. Ranga’s Marriage 4. Albert Einstein at School 5. Mother’s day 6. Birth 7. The Tale of Melon City</p> <p><u>WRITING SKILLS:</u></p> <p>Notice, Article, Report, Letter, Speech.</p>

<p>15. Accounting for Bills of Exchange 16. Rectification of Errors UNIT 3: 17 & 18. Financial Statements of Proprietor with and without adjustments 19. Single Entry System</p>	<p>Integrated Grammar Novel: Complete Novel</p>
<p>COMPUTER SCIENCE Computer overview Working with Operating System Data Representation Input, Output and Memory Devices Getting Started with C++ Data Handling Operators and Expressions in C++ Flow of Control Standard Library Functions User Defined Functions Structured Data Type: Array Structures</p>	<p>ECONOMICS: PART A: STATISTICS FOR ECONOMICS 1. Collection ,organization and presentation of data. 2. Statistical tools and Interpretations. PART B: INDIAN ECONOMIC DEVELOPMENT 1. Development experience (1947-1990) and Economic Reforms since 1991: Chapter second and third. 2. Current challenges facing Indian economy: *Poverty- absolute and relative, causes of poverty, PAPS. *Rural Development-credit,marketing,diversification and organic farming. *Human Capital Formation-how people become resource,Govt. policies for human capital. *Infrastructure-meaning and types, problems and polices w.r.t Energy and Health. *sustainable development 3.OTBA</p>
<p>POLITICAL SCIENCE BOOK 1- An Introduction to the Indian Constitution (chapters- 2 to 10) BOOK 2- Political Theory (Chapters 2 to 10)</p>	<p>PSYCHOLOGY CHAPTER 1 to CHAPTER 9 (ALL CHAPTERS)</p>
<p>PHYSICS: NCERT Part I NCERT Part II Entire Syllabus</p>	<p>MATHEMATICS NCERT (Full Syllabus).</p>
<p>INFORMATICS PRACTICES Unit 1 Introduction to Computer Systems Unit 2 Introduction to Programming Unit 3 Relational Database Management System Unit 4 IT Applications</p>	