

# ANNUAL EXAMINATION (2017-18)

## CLASS-XI

### 1.PSYCHOLOGY

Unit	Topic
I	What is Psychology?
II	Methods of Enquiry in Psychology
III	The Bases of Human Behaviour
IV	Human Development
V	Sensory, Attentional and Perceptual Processes
VI	Learning
VII	Human Memory
VIII	Thinking
IX	Motivation and Emotion

### 2.Physics

Unit No.	Unit	Marks
1	Physical World & Measurement	3
2	Kinematics	8
3	Law of Motion	7
4	Work, Energy & Power	5
5	Motion of system of particles & Rigid Bodies	6
6	Gravitation	5
7	Properties of Bulk Matter	15
8	Thermodynamics	6
9	Behaviour of Perfect gas & Kinetic Theory of gases	3
10	Oscillation & Waves	12
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		Total 70
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### 3.ENGLISH

TEST	CHAPTERS
FEBRUARY,2018	<b>HORNBILL</b> <b>PLAY</b> -The Browning Version <b>PROSE</b> - The Portrait of a Lady, We are not afraid to die if we can all be together, The Ailing Planet:The Green Movement's Role

	<p><b>POETRY</b>-A Photograph , Childhood  Father to Son, The Voice of the Rain  <b>SNAPSHOTS</b>-, Ranga’s Marriage, Albert Einstein at School, Mother’s Day, Birth, The Tale of Melon City  <b>WRITING SKILLS</b>--Letter to the Editor, Article Writing, Informal Letter, Notice Writing, Email Writing(Formal and Informal),Speech Writing, Report Writing, Note Making Job Application, Letter Seeking Information, Letter of Placing Order, Letter of Complaint, Poster Making ,Debate Writing  <b>GRAMMAR</b>- Editing, Omission, Sentence Re-ordering, Tenses, Determiners, Newspaper Headlines, Voices, Narrations, Prepositions, Conjunctions, Omission, Sentence Re-ordering  All the topics covered from April  <b>LONG READING TEXT</b>-The Canterville’s Ghost(Entire Novel)</p>
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#### 4.CHEMISTRY THEORY

MM 70

- Basic concepts of chemistry
- Structure of atom
- Classification of elements and periodic properties
- Chemical bonding and chemical structure
- States of matter
- Thermodynamics
- Organic chemistry-Basic principle
- Hydrocarbons
- Hydrogen
- s-block elements
- p-block elements
- Redox reactions
- Equilibrium
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#### 5.POLITICAL SCIENCE

##### BOOK I

CHAPTER - 1 : CONSTITUTION; WHY AND HOW ?

CHAPTER - 2 : RIGHTS OF INDIAN CONSTITUTION

CHAPTER - 3 : ELECTION AND REPRESENTATION

CHAPTER- 4 : THE EXECUTIVE

CHAPTER - 5 : THE LEGISLATURE

CHAPTER- 6 : THE JUDICIARY  
 CHAPTER - 7 : FEDERALISM  
 CHAPTER - 8 : LOCAL GOVERNMENT  
 CHAPTER- 9 : CONSTITUTION AS A LIVING DOCUMENT

**BOOK II**

CHAPTER – 1 : POLITICAL THEORY : AN INTRODUCTION  
 CHAPTER – 2 : FREEDOM  
 CHAPTER - 3 : EQUALITY  
 CHAPTER - 4 : SOCIAL JUSTICE  
 CHAPTER - 5 : RIGHTS  
 CHAPTER - 6 : CITIZENSHIP  
 CHAPTER -7: NATIONALISM  
 CHAPTER – 8 : SECULARISM  
 CHAPTER – 9 : PEACE  
 CHAPTER -10: DEVELOPMENT

**TOTAL**

**100 MARKS**

**6.ECONOMICS**

**THEORY-80**

STATISTICS FOR ECONOMICS - 40  
 INDIAN ECONOMIC DEVELOPMENT - 40

**PROJECT-20**

**TOTAL - 100**

**STATISTICS FOR ECONOMICS - SECTION-A**

<b>UNIT 1:</b> INTRODUCTION	
<b>UNIT 2:</b> COLLECTION, CLASSIFICATION AND PRESENTATION OF DATA	<b>13</b>
<b>UNIT 3:</b> STATISTICAL TOOLS AND INTERPRETATIONS	<b>27</b>
<b>TOTAL</b>	<b>40</b>

**INDIAN ECONOMIC DEVELOPMENT-SECTION-B**

<b>UNITS</b>	<b>WEIGHTAGE</b>
<b>UNIT 4 :</b> DEVELOPMENT POLICIES AND	

EXPERIENCE (1947-90) AND ECONOMIC REFORMS (1991)	<b>14</b>
<b>UNIT 5: CURRENT CHALLENGES FACING INDIAN ECONOMY</b>	<b>22</b>
<b>UNIT 6: DEVELOPMENT EXPERIENCE OF INDIA - A COMPARISON WITH NEIGHBOURS</b>	<b>04</b>
<b>TOTAL</b>	<b>40</b>

### **DEVELOPING PROJECT IN ECONOMICS-20**

RELEVANCE OF THE TOPIC	<b>3</b>
KNOWLEDGE CONTENT/ RESEARCH WORK	<b>6</b>
PRESENTATION TECHNIQUE	<b>3</b>
VIVA	<b>8</b>

## **7.ENTREPRENEURSHIP**

1. ENTREPRENEURSHIP: CONCEPT AND FUNCTIONS
2. AN ENTREPRENEUR
3. ENTREPRENEURIAL JOURNEY
4. ENTREPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING
5. CONCEPT OF MARKET
6. BUSINESS FINANCE AND ARITHMETIC
7. RESOURCE MOBILIZATION

## **8.BUSINESS STUDIES:**

UNIT 1. Nature and Purpose of Business ( Industry and Business Risks ).

UNIT 2. Forms of Business Organisations ( Partnership, Cooperative Societies and Joint Stock Companies ).

UNIT 3. Public, Private ,Global Enterprises & Joint Ventures.

UNIT 4. Business Services. ( Banking and Insurance ).

UNIT 5. Emerging Modes of Business ( E—Business and Outsourcing )

UNIT 6. Social Responsibility of Business and Business Ethics.

UNIT 7. Sources of Business Finance. ( except ADR, IDR & ICD ).

UNIT 8. Small Business.

UNIT 9. Internal Trade. ( except main documents & terms of trade ).

UNIT 10. International Business.

( Concept, Features of it, Benefits of International business to Nations & to Business Firms , Problems of International Business & WTO---objectives ,role & benefits )

9.ACCOUNTANCY.

UNIT 1 : Theoretical Framework .

UNIT 2 : Accounting Process. ( Fundamentals of Accounting, Equation, Source documents, Journal, Ledger, Cash Book, Subsidiary Books, BRS , Depreciation Accounting and Bills of Exchange ).

UNIT 3: Financial Statements of Sole Proprietorship .

UNIT 4: Financial Statements of Non- Profit Organisations.

UNIT 5: Computers in Accounting. ( MIS and its Purpose, Accounting Information System & its Components, AIS and Human Resource Department, Advantages & Disadvantages of Computerised Accounting ).

## 10. MATHEMATICS

- 1.SETS
2. RELATIONS AND FUNCTIONS
- 3.TRIGONOMETRIC FUNCTIONS
- 4.PRINCIPLE OF MATHEMATICAL INDUCTION
- 5.COMPLEX NUMBERS AND QUADRATIC EQUATIONS
- 6.LINEAR INEQUALITIES
- 7.PERMUTATIONS AND COMBINATIONS
- 8.BINOMIAL THEOREM
- 9.SEQUENCES AND SERIES
- 10.STRAIGHT LINES
- 11.CONIC SECTIONS
- 12.INTRODUCTION TO THREE DIMENSIONAL GEOMETRY
- 13.LIMITS AND DERIVATIVES
- 14.MATHEMATICAL REASONING
- 15.STATISTICS
- 16.PROBABILITY

## 11.BIOLOGY SYLLABUS

**Unit I: Diversity in The Living World**

Chapter 1: The Living World

Chapter 2: Biological Classification

Chapter 3: Plant Kingdom

Chapter 4: Animal Kingdom

**Unit II: Structural Organisation In Plants and Animals**

Chapter 5: Morphology of Flowering Plants

Chapter 6: Anatomy of Flowering Plants

Chapter 7: Structural Organisation In Animals

**Unit III: Cell: Structure and Functions**

Chapter 8: Cell: The Unit of Life

Chapter 9: Biomolecules

Chapter 10: Cell Cycle and Cell Division

**Unit IV: Plant Physiology**

Chapter 11: Transport in Plants

Chapter 12: Mineral Nutrition

Chapter 13: Photosynthesis in Higher Plants

Chapter 14: Respiration in Plants

Chapter 15: Plant Growth and Development

**Unit V: Human Physiology**

Chapter 16: Digestion and Absorption

Chapter 17: Breathing and Exchange of Gases

Chapter 18: Body Fluids and Circulation

Chapter 19: Excretory Products and their Elimination

Chapter 20: Locomotion and Movement

Chapter 21: Neural Control and Coordination

Chapter 22: Chemical Coordination and Integration

**12. Computer Science**

Chapters- 3,6,7,8,10,11,12,13,14

**13. Multimedia and Web Technology**

Chapters- 2-9,11, 13,14,15,16,18,19

