

SYLLABUS FOR PRE ANNUAL EXAM SESSION 2018-19

Physics

Class - XI

1. Units and Measurements
2. Motion in a straight line
3. Motion in a plane
4. Laws of motion
(Excluding friction and circular motion)
5. Gravitation
6. Mechanical properties of solids
7. Mechanical properties of fluids
8. Thermal properties of matter
9. Thermodynamics
10. Oscillations
11. Waves

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Biology

Class - XI

1. Animal Kingdom
2. Structural Organisation in Animals
3. Anatomy of Flowering Plants
4. Plant Growth and Development
5. Photosynthesis
6. Respiration
7. Transport in Plants
8. Mineral Nutrition
9. Breathing and Exchange of Gases.
10. Morphology of Flowering Plants
11. Cell Cycle and Cell Division
12. Chemical Coordination and Integration
13. Neural Control and Coordination

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Economics

Class - XI

MICRO ECONOMICS

- Theory of Demand (Excluding Elasticity of Demand)
- Theory of Supply (Excluding Elasticity of Supply)
- Price Determination
- Production Function
- Theory of Cost
- Revenue
- Producer's Equilibrium
- Markets

STATISTICS

- Measures of Central Tendency
- Measures of Dispersion
- Correlation

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Home Science

Class - XI

Chapter 6- Behavioural Problems of Children and Suggestive

Chapter 7- Prevention from Infectious Diseases

Chapter 8- Substitute care at Home and outside

Chapter 9- Special Needs of Disadvantaged Children

Chapter 10- First Aid

Chapter 11- Food, Nutrition, Health and Fitness

Chapter 12- Functions of Food

Chapter 13- Selection of Food for Optimum Nutrition and Health

Chapter 14- Vitamins

Chapter 15- Minerals

Chapter 16- Selection and Storage of food products

Chapter 17- Food Preservation

Chapter 18- Cooking of Food

Chapter 19- Concept of Family

Chapter 20- Resources

Chapter 21- Management Process

Chapter 22- Time and Energy Management

Chapter 26- Introduction to Fibre Science

Chapter 27- Fabric Construction

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Geography

Class - XI

- Book 1- Fundamentals of Physical Geography
Unit- 2, 4, 5
- Book 2- India: Physical Environment
Chapters - 1, 2, 3, 4, 7

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Psychology

Class - XI

Chapter 2- Methods of enquiry in psychology

Chapter 4- Human Development

Chapter 5- Sensory, Attentional & Perceptual Processes

Chapter 6- Learning

Chapter 7- Human Memory

Chapter 8- Thinking

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Fine Art

Class - XI

THEORY (40 MARKS)

1. Art (objective type questions)
2. Art of Indus Valley
 - Introduction
 - Study of artworks-
 - i. Dancing Girl
 - ii. Male Torso
 - iii. Mother Goddess
 - iv. Study of unicorn Bull (Seal)
 - v. Painted Earthenware
3. Art during Mauryan, Shunga, Kushana & Gupta periods
 - Study of Sculptures-
 - i. Lion Capital
 - ii. Chauri Bearer
 - iii. Bodhisattva Head
 - iv. Jain Jirthankara
4. Art of Ajanta Caves
 - i. Padmapani Bodhisattva
 - ii. Maravijay
5. Temple Sculptures
 - i. Descent of Ganga
 - ii. Trimurti
 - iii. Cymbal Player, Sun Temple
 - iv. Mother & Child
6. Indian Bronze Sculpture
 - Study of South Indian Bronze
 - i. Nataraja
 - ii. Devi Uma

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Political Science

Class - XI

BOOK A: Indian Constitution At Work

Chapter 3- Election and Representation

Chapter 4- The Executive

Chapter 5- The Legislature

Chapter 6- The Judiciary

Chapter 7- Federalism

BOOK B: Political Theory

Chapters 1 to 8

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Chemistry

Class - XI

1.	Mole Concept (Mass %, Molarity, Molality, Normality, Mole fraction, ppm)	5
2.	Chemical Bonding	7
3.	Periodic classification of elements	5
4.	Redox reactions	6
5.	Thermodynamics	8
6.	Chemical & Ionic equilibrium	12
7.	General Organic Chemistry	12
8.	Hydrocarbons	15

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Business Studies

Class - XI

Chapter 6 social responsibilities of business and business ethics

Chapter 7 sources of Business Finance

Chapter 8 small business

Chapter 9 internal trade

Chapter 10 international trade up to page 280

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Maths

Class - XI

1. Trigonometry
2. Principle of Mathematical Induction
3. Linear Inequations
4. Permutations and Combinations
5. The straight Lines
6. Conic Sections (Circle, Parabola, Ellipse, Hyperbola)
7. Three Dimensional Geometry
8. Limits and Derivatives
9. Probability

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History

Class - XI

1. An empire across three continents
2. Central Islamic lands
3. Three orders
4. Changing cultural traditions
5. Confrontation of cultures
6. The Industrial Revolution
7. Displacing indigenous People

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MUSIC

Class - XI

1. निम्नलिखित की परिभाषा लिखिए : - 6
 - (i) संगीत
 - (ii) अलंकार
 - (iii) थाट
 - (iv) राग
 - (v) निबद्ध गान
 - (vi) अनिबद्ध गान
 - (vii) लक्षण गीत
 - (viii) नाद
2. ख्याल और नाट्यशास्त्र पर टिप्पणी कीजिए। 6
3. किन्ही चार तालों की ठाह व दुगुन कीजिए। 6
 - (i) एकताल
 - (ii) चौताल
 - (iii) दादरा
 - (iv) कहरवा
 - (v) तीनताल
 - (vi) सूलताल
4. घराना और घुपद पर टिप्पणी कीजिए। 6
5. रागों का परिचय देते हुए आरोह, अवरोह, पकड़ एवं विशेषताएँ लिखिए। 6
 - (i) वृंदावनी सारंगी
 - (ii) भैरवी
 - (iii) जौनपुरी
6. अपने पाठ्यक्रम में से किसी एक राग के छोटे ख्याल की स्वरलिपि और बड़े ख्याल की स्वरलिपि लिखिए। 6
7. जीवन परिचय लिखित : - 6
 - (i) तानसेन
 - (ii) विष्णु दिगम्बर
 - (iii) वि.न. भातखंडे
8. थाट, सप्तक और लय की परिभाषा लिखिए एवं इनके प्रकारों पर प्रकाश डालिए। 6

पाठ्यक्रम पूर्व वार्षिक परीक्षा (2018-19)

कक्षा - XI

हिन्दी

1. मीरा
 2. हे भूख मत मचल, हे मेरे जूही के फूल जैसे ईश्वर
 3. सबसे खतरनाक
 4. आओ, मिलकर बचाएँ
 5. नमक का दारोगा
 6. गलता लोहा
 7. रजनी
 8. जामुन का पेड़
 9. भारत माता
- संचयन - आलो आँघारि
10. पत्र
 11. निबंध
 12. फ्रीचर
 13. संचार माध्यम व पत्रकारिता
 14. अपठित गद्यांश
 15. अपठित काव्यांश

Annual Syllabus

Class XI

Computer Science (C++)

Chapter No	Chapter Name	Weightage
5	General OOP Concept	4
6	Getting Started with C++	6
7	Data Handling	
8	Operators & Expressions in C++	
10	Flow of Control	10
11	Functions	16
12	Structured Data Type: Array	20
13	Structures	10
14	Programming Methodology	4

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Accountancy

Class - XI

1.	Theory Base of Accounting	3
2.	Journal	10
3.	Special Purpose Books - II other Books	5
4.	Depreciation	14
5.	Provisions and Reserves	3
6.	Accounting for Bills of Exchange	9
7.	Financial Statements of Sole Proprietorship	8
8.	Adjustment in Preparation of Financial Statements	15
9.	Accounts from Incomplete Records - Single Entry System	19
10.	Computers in Accounting	3
11.	Accounting software - Tally	1
12.	Practical File	10

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French

Class - XI

1. Compréhension
2. Compréhension écrite
3. Histoire
4. Grammaire
 - i. Temps Convenable
 - ii. Actif - Passif
 - iii. Subjonctif
 - iv. Pronom Personnel
 - v. Pronom Rétatif
 - vi. Passé Simple
 - vii. Corrigez
 - viii. Posez la question
 - ix. Metter en ordre.
5. Civilisation

Pre Annual Syllabus (2018 – 19)

Class – XI

Subject: Informatics Practices

Theory: 70

Topic:	Weightage (marks)
• Unit 1	10
Ch. 3 Information Security and Social Networking	
• Unit 2 Introduction To Programming	30
Ch. 4 Getting started with Programming using IDE	
Ch. 5 Programming Fundamentals	
• Unit 3 Relational Database Management System	30
Ch.8 Database Management System	
Ch.9 Introduction to MySQL	
Ch.10 Functions in MySQL	

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Legal Studies

Class - XI

1. Unit 2 chapter 2 & 3 (Classification and Sources of Law)
2. Unit 3 Chapter 1 & 2
3. Unit 4 Topics 1, 2, 3 & 4 (Excluding Topics 1.3 and 1.4)
4. Unit 5 (Excluding Topic 1)