

SECOND TERM BLOCK TEST SYLLABUS 2018-2019

CLASS – XII

ENGLISH

English Language

AS PER ISC QP- The entire year's syllabus included.

The two reports- 1. Personal Profile and

2. Statement of Purpose
(taught in this term are being included too)

English Literature

The entire year's syllabus- 10 prose
10 poems

The Tempest- Acts 1-5
(Dover Beach, B. Wordsworth, The Sound Machine- being taught in this term are being included)

MATHEMATICS

SECTION - A

- 1) Relations and functions
- 2) Inverse Trigonometric functions
- 3) Matrices
- 4) Determinants
- 5) Continuity and Differentiability
- 6) Indeterminate Forms
- 7) Application of derivatives
- 8) Integrals
- 9) Differential Equations

SECTION - B

- 1) Vectors
- 2) Application of Integrals

SECTION- C

- 1) Application of Calculus in Commerce and Economics
- 2) Linear Regression
- 3) Linear programming

HINDI

FIRST TERM

गद्य संकलन /
काव्य मंजरी

मजबूरी

संस्कृति क्या है ?

दासी

शरणागत

पुत्र प्रेम

नदी के द्वीप

अँधेरे का दीपक

बाल लीला

उद्यमी नर

बादल को घिरते देखा

आषाढ़ का एक दिन : तृतीय अंक

व्याकरण - निबंध, अपठित गद्य, मुहावरे और वाक्य शुद्धिकरण।

SECOND TERM

गद्य संकलन /

काव्य मंजरी

संती

आउटसाइडर

क्या निराश हुआ जाए

भक्तिन

गौरी

एक फूल की चाह

आ: धरती कितना देती है

तुलसी दास के पद

जाग तुझको दूर जाना है

सारवी

आषाढ़ का एक दिन : पहला और दूसरा अंक

व्याकरण - निबंध

BENGALI (বাংলা)

- Language (ভাষা)
বানান সংশোধন
বাক্য সংশোধন
বাগধারা
প্রবন্ধরচনা
বোধপরীক্ষণ

Literature

উপন্যাসঃ কোনি

গদ্যঃ ১। ঠাকুরদা	পদ্যঃ ১। ওরা কাজ করে
২। জোড়াসাঁকোর ধারে	২। পূর্বপশ্চিম
৩। তাসের ঘর	৩। বনলতা সেন
৪। অনাচার	৪। বর্ণপরিচয়
৫। রেকর্ড	৫। সালেমনের মা
৬। বীরশুভ্রা	৬। বাবরের প্রার্থনা
৭। আদাব	৭। যদি নির্বাসন দাও
৮। লক্ষমনের মা	৮। রাস্তা কারও একার নয়
৯। একটি তুলসীগাছের কাহিনী	৯। স্বাধীনতা তুমি
১০। না-পাহারার পরীক্ষা	১০। নুন

PHYSICS

I Electrostatics

Chapter 1-4

II Current Electricity

Chapters 5-6

III Magnetic Effects of Current and Magnetism

Chapters 7-10

IV Electromagnetic Induction and Alternating Currents

Chapters 11-12

V Electromagnetic Waves

Chapter 13

VI Optics (Ray Optics and Wave Optics)

Chapters 14-22

VII Dual Nature of Radiation and Matter

Chapters 22-23

IX Atoms and Nuclei

Chapters 26-30

CHEMISTRY

Following is the syllabus for the second term block test 2018 for class XII

1. Solid State
2. Solutions
3. Electrochemistry (till specified in class)
4. Chemical Kinetics
5. Surface Chemistry
6. General Principles and Processes of Isolation of Elements
7. p - block Elements (except group 16)
8. d- and f- block Elements
9. Coordination compounds
10. Haloalkanes and Haloarenes
11. Alcohols, Phenols and Ethers
12. Aldehydes, Ketones and Carboxylic Acids
13. Organic Compounds with Nitrogen
14. Biomolecules
15. Polymers
16. Chemistry in Everyday Life.

BIOLOGY

1. Reproduction in organism.
2. Reproduction in Angiospermic plants
3. Reproduction in Humans
4. Reproductive health
5. Principles of Inheritance and Variation.
6. Molecular basis of Inheritance.
7. Biotechnology - Principles and processes.
8. Biotechnology and it's application.
9. Evolution and Origin.
10. Microbes in human welfare.
11. Human Health and Diseases.
12. Strategies for improvement in food Production.
13. Biodiversity.
14. Ecosystem.
15. Environmental issues.
16. Organism and population.

Full syllabus.

COMPUTER SCIENCE

- Chapter 1. Boolean algebra
- Chapter 2. Computer hardware
- Chapter 3. Objects and classes
- Chapter 4. Data types, casting, expressions
- Chapter 5. Statements, control structures and scope
- Chapter 6. Functions / methods
- Chapter 7. Arrays and strings
- Chapter 8. Compiling and running java programs
- Chapter 9. Java classes: an oop perspective
- Chapter 10. Operations on files
- Chapter 11. Recursion
- Chapter 12. Concept of inheritance
- Chapter 14. Simple data structures
- Chapter 16. Computational complexity

ECONOMICS

- 1. Demand and Law of demand
- 2. Theory of Consumer Behaviour
- 3. Elasticity of demand
- 4. Supply- Law of supply and elasticity of supply
- 5. Market Mechanism
- 6. Laws of Returns
- 7. Cost and Revenue Analysis
- 8. Forms of Market
- 9. Producer's Equilibrium
- 10. Determination of equilibrium price and output under perfect competition
- 11. Theory of Income and Employment
- 12. Money
- 13. Banks

ACCOUNTS

1. Partnership Accounts

- a. Fundamentals of Partnership.
- b. Goodwill – Concept and Mode of Valuation.

2. Reconstitution of Partnership

- a. Admission of Partner
- b. Retirement of Partner
- c. Death of a Partner
- d. Dissolution of Partnership Firm.

3. Joint Stock Company Accounts.

- a. Issue of Shares
- b. Issue of Debentures
- c. Redemption of Debentures
- d. Final Account of Companies as per Schedule III.

4. Financial Statement Analysis.

5. Comparative and Common Size Balance Sheet and Income Statement

6. Ratio Analysis

7. Cash Flow Statement.

COMMERCE

1. Business Environment

2. Financing

- a. Capital – Fixed and Working capital.
- b. Sources of Finance for Joint Stock Company.
- c. Banking – Latest Trends.

3. Management

- a. Meaning, Nature and Importance.
- b. Principles of Management
- c. Functions of management and coordination.
- d. Planning
- e. Staffing
- f. Directing.
- g. Organizing
- h. Controlling.

4. Marketing

- a. Marketing – Concept and Functions
- b. Marketing Mix
- c. Consumer protection.

BUSINESS STUDIES

- 1.Introduction to Human Resource Management
- 2.Job and Man Power Planning
- 3.Staff Recruitment
4. Staff Selection
- 5.Staff Training
- 6.Staff Morale
7. Staff Motivation
8. Staff Remuneration
- 9 . Staff Leadership
10. Staff Appraisal
11. Staff Promotion and Transfer
12. Staff Separation
13. Emerging Trends in Human Resources
14. Business Communication
15. Business Correspondence
- 16.Reports and Report Writing
- 17.Various Business Entities
- 18.Sources of Business Finance
19. Globalisation
- 20.E-Business
- 21.Outsourcing
22. Business Regulators and Intermediaries.

POLITICAL SCIENCE

SECTION A

Sl. No.

1. Forms of Government
2. Constitution
3. Franchise & Representation
4. Organs of the Government: the Legislature
5. Organs of the Government: the Executive

SECTION B

Sl. No.

1. Indian Constitution: Preamble & Salient Features
2. Fundamental Rights & Directive Principles
3. Local Self-Government
4. Democracy in India – a perspective of the challenges faced

HISTORY

- | SL. No. | Topics |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Towards Independence and Partition the last phase(1935-1947) <ol style="list-style-type: none">i. Important political developmentii. Working of provincial autonomyiii. National Movement during the Second World War.iv. Subhash Chandra Bose and the INAv. Transfer of power(1945-1947) |
| 2. | Establishment and development of Indian democracy(1947-1966) <ol style="list-style-type: none">i. The refugee problem, transfer of assets and the river waters disputeii. Origin of the Kashmir problemiii. The foundation of Indian Democracyiv. The Linguistic reorganisation of the states |
| 3. | Challenges to Indian democracy (1964-1977) <ol style="list-style-type: none">i. The role of the syndicateii. Naxal Movementiii. JP Movementiv. Emergency(1975-76) |
| 4. | Changing face of the Indian democracy(1977-1986) <ol style="list-style-type: none">i. The Janata Governmentii. Punjabiii. Demands in the North East |
| 5. | India's Foreign Policy <ol style="list-style-type: none">i. Non - Aligned Movementii. Indo - Pak Warsiii. Sino - Indian War |
| 6. | Movements for Women's Rights |

WORLD HISTORY

- World War II
- Decolonization - in Asia (China) and Africa (Ghana & Kenya)
- Cold War 1945 – 1991 – origin, course, end and impact
- Protest Movements
- Middle East: Israeli-Palestine conflict (1916 – 1993)

GEOGRAPHY

UNIT -1

1. Locational setting of India.
2. Geoglogical evolution and structure
3. Relief.
4. Drainage.
5. Climate.
6. Natural vegetation.

UNIT-2

7. Population.
8. Migration Trends.
9. Demographic Attributes.
10. Rural settlements.
11. Urban Settlements.

UNIT-3

12. Environmental Management and Land use Pattern.
13. Water Resources and Types of Irrigation.
14. Agriculture.
15. Fisheries.
16. Minerals and Power Resources.

UNIT-4

17. Transport and Communication.
18. Tourism Industry.

UNIT-5

19. Regional Economic Development (case studies)

Map Pointing:

1. Locational settings of India.
2. Mountains.
3. Peaks.
4. Plains.
5. Plateaus.
6. Peninsula.
7. Lakes.
8. Water bodies.
9. Passes.
10. Rivers.
11. Climate of India.
12. Natural vegetation.
13. Population.
14. Resources of India.

EVS

1. Human beings and nature
 2. Population Ecology
 3. Conservation Ecology
 4. Pollution Monitoring
 5. The Third World Development
 6. Sustainable agriculture
 7. Environmental and natural resource economics.
 8. International Relations and the environment .
- Full syllabus

PSYCHOLOGY

1. Intelligence and Ability
2. Personality
3. Stress and Stress Management
4. Psychological Disorders and Psychotherapy
5. Social Thought and Social Behaviour
6. Attitudes
7. Applications of Psychology

PHYSICAL EDUCATION

SECTION – A

1. Sociological Aspect of Physical Education
2. Training Methods
3. Career Aspect in Physical Education
4. Competitions and Tournaments
5. Health Education and Health Problems
6. Sports Injuries and First Aid

SECTION – B

1. Basketball
2. Badminton

HOME SCIENCE

1. Consumer Education
2. Consumer Aids
3. Consumer Protection
4. Food Adulteration
5. Principles and reasons of cooking food.
6. Food Preservation
7. Food Groups and Balanced Diets.
8. Meal Planning for an individual
9. Planning meals for family and its modification for special conditions—with RDA Allowances for all age groups.
10. Know Myself --- Understanding adolescents.
11. Cognitive development among adolescents
12. Social and emotional development during adolescence.
13. Adulthood and old age.
14. Safety in the Home. Safety and sanitation in the Kitchen.
15. Factors influencing selection of clothing.
16. Care and storage of garments-cotton, wool, silk.