

# DOUGLAS MEMORIAL HIGHER SECONDARY SCHOOL

SYLLABUS – 2018-19

CLASS – IX

ENGLISH PAPER – I

## Half Yearly Examination :

- Composition
- Letter Writing
- Notice Writing & E-mail Writing
- Comprehension Passage
- Functional Grammar

## Annual Examination :

- Composition
- Letter Writing
- Notice Writing & E-mail Writing
- Comprehension Passage
- Functional Grammar

ENGLISH PAPER – II

## Half Yearly Examination :

Poem : The Heart of the Tree  
The Cold Within  
The Bangle Sellers  
Daffodils

Prose : Chief Seattle's Speech  
Old Man at the Bridge  
Hearts and Hands  
A Face in the Dark

Play : The Merchant of Venice [Act. I]

## Annual Examination :

Poem : After Blenheim

Television

The Cold Within [Revision]

Prose : A Horse & Two Goats

An Angel in Disguise

Chief Seattle's Speech [Revision]

Play : The Merchant of Venice [Act. II & Act. III Sc. 1]

[The Entire 1st Term Syllabus will be included in the Final Term.]

BENGALI 2nd LANGUAGE

## Half Yearly Examination :

সংকলিতা : গল্প — 1. গিন্নী

2. লালু

3. বাসা

কবিতা — 1. খো খো

2. অমল কান্তি

3. বঙ্গভূমির প্রতি

ব্যাকরণ : রচনা, চিঠি, বোধ পরীক্ষণ, বাক্য, উক্তি, এক কথায় প্রকাশ।

## Annual Examination :

সংকলিতা : গল্প — 1. ক্যানভাসার

2. অসহযোগী

3. নাম

কবিতা — 1. কুলি-মজুর

2. সিঁড়ি

3. বাবু বলেন

ব্যাকরণ : রচনা, চিঠি, বোধ পরীক্ষণ, একই শব্দের ভিন্নার্থ, বাচ্য, বাগধারা, বানান শুদ্ধিকরণ।

## HINDI 2nd LANGUAGE

**Half Yearly Examination :**

पुस्तक : साहित्य सागर

- Book – 1 (गद्य) 1. बात अठन्नी की  
2. काकी  
3. महायज्ञ का पुरस्कार
- Book – 2 (पद्य) 1. साखी  
2. गिरधर की कुंडलिया  
3. स्वर्ग बना सकते हैं
- व्याकरण : 1. विशेषण  
2. भाववाचक संज्ञा  
3. अनेक शब्दों के लिए एक शब्द  
4. पर्यायवाची शब्द  
5. विलोम शब्द  
6. पत्र लेखन  
7. निबंध  
8. अपठित गद्यांश  
9. निर्देशानुसार वाक्य परिवर्तन

**Annual Examination :**

पुस्तक : साहित्य सागर

- Book – 1 (गद्य) 1. नेताजी का चश्मा  
2. अपना अपना भाग्य  
3. बड़े घर की बेटी

- Book – 2 (पद्य) 1. वह जन्मभूमि मेरी  
2. मेघ आए  
3. सूर के पद
- व्याकरण : 1. विशेषण  
2. भाववाचक संज्ञा  
3. पर्यायवाची शब्द  
4. तत्सम-तद्भव शब्द  
5. मुहावरे  
6. पत्र लेखन  
7. निर्देशानुसार वाक्य परिवर्तन  
8. निबंध  
9. अपठित गद्यांश  
10. विलोम शब्द

## MATHEMATICS

**Half Yearly Examination :**

1. Rational and Irrational Numbers
2. Compound Interest
3. Expansion
4. Factorisation
5. Simultaneous Linear Equation, Problems of Simultaneous Linear Equation.
6. Trigonometry
7. Circle
8. Triangle
9. Indices
10. Mensuration [Ex. 15.1, Ex. 15.2]

**Annual Examination :**

1. Logarithms
2. Pythagoras Theorem
3. Theorem of Area
4. Rectilinear Figure
5. Mid Point Theorem
6. Mensuration
7. Quadratic Equation [From Class X]
8. Co-ordinate Geometry
9. Distance Formula
10. Statistics
11. Simultaneous Equation [Revision]
12. Trigonometry [Revision]
13. Indices [Revision]

## PHYSICS

**Half Yearly Examination :**

1. Pressure in Fluids and Atmospheric Pressure
2. Upthrust in Fluids, Archimedes' Principle and Floatation.
3. Reflection of Light [Spherical Mirror]
4. Current Electricity [X]

**Annual Examination :**

1. Current Electricity [X]
2. Household Circuits
3. Force
4. Work, Energy and Power
5. Current Electricity [IX]

## CHEMISTRY

**Half Yearly Examination :**

- Chapter – 1 : The Language of Chemistry [Revision]  
 Chapter – 2 : Chemical Changes and Reactions  
 [Revision]  
 Chapter – 3 : Water [Revision]  
 Chapter – 4 : Atomic Structure and Chemical Bonding  
 [IX & X]  
 Chapter – 7 : Study of Gas Laws

**Annual Examination :**

- Chapter – 5 : The Periodic Table  
 Chapter – 6 : Study of the First Element – Hydrogen  
 [Revision]  
 Chapter – 8 : Atmospheric Pollution  
 Chapter – 3 : Study of Acids, Bases & Salt [Class X]  
Revision Chapters :  
 Chapter – 4 : Atomic Structure and Chemical Bonding  
 Chapter – 7 : Study of Gas Laws

## BIOLOGY

**Half Yearly Examination :**

- Chapter – 4 : The Flower [Revision]  
 Chapter – 5 : Pollination and Fertilisation  
 Chapter – 12 : Skeleton : Movement and Locomotion  
 Chapter – 13 : Skin – The Jack and All Trades  
 Chapter – 17 : Aids to Health

**Annual Examination :**

- Chapter – 1 : The Cell [Revision]  
 Chapter – 11 : The Digestive System [Revision]  
 Chapter – 6 : Seed : Structure and Germination  
 Chapter – 7 : Respiration in Plants  
 Chapter – 14 : The Respiratory System  
 Pollution

## HISTORY / CIVICS

**Half Yearly Examination :**History :

1. Early Vedic Civilization
2. Later Vedic Age
3. The Mauryan Empire
4. The Age of the Guptas
5. Renaissance
6. Industrial Revolution and Capitalism & Socialism

Civics :

7. Our Constitution and its Salient Features
8. Fundamental Rights, Fundamental Duties and Directive Principles of State Policy.

**Annual Examination :**History : From Class X Book

1. The First War of Independence
2. Rise of Nationalism
3. Programme and Achievements of the Early Nationalists
4. Rise of Assertive Nationalism
5. Partition of Bengal

Civics :

6. Election and the Election Commission
7. Local Self Government of Urban Areas
8. Union Parliament [From Class X Book]

## GEOGRAPHY

**Half Yearly Examination :**

- Earth as a Planet
- Earth as a Globe
- Motions of the Earth
- Structure of the Earth
- Landforms of the Earth
- Materials of the Earth's Crust – Rocks
- Weathering : Meaning and Effects

Map Pointing : World Map

Toposheet : Identification and Drawing of Conventional Signs and Symbols; Definitions; Identification of Colours; Directions.

**Annual Examination :**

- The Atmosphere
- Insolation
- Pressure belts and winds

From Class X

- Soils in India
- Natural Vegetation
- Water Resources
- Transport

Map Pointing : Map of India [Lat-long, relief, rivers, waterbodies.

Toposheet : Four Figure Grid Reference; Distance (Direct); Settlement and Drainage Patterns.

## PHYSICAL EDUCATION

### **Half Yearly Examination :**

Part – I [Theory] [100 Marks]

Ch – 1 : Basic Organisation

Ch – 2 : Movement and Support

Ch – 3 : Respiration

Ch – 4 : Circulation

Part – II [Practical] [50 Marks]

i) Physical Efficiency Test

ii) Yoga, Athletics, Cricket and Football

### **Annual Examination :**

Part – I [Theory] [100 Marks]

Ch – 5 : Nutrition

Ch – 6 : Excretion

Ch – 7 : Sensitivity and Co-ordination

Revision Ch – Circulation

Part – II [Practical] [50 Marks]

i) Specialisation Test

ii) Physical Fitness Test

iii) Yoga

## ECONOMIC APPLICATIONS

### **Half Yearly Examination :**

1. Definition of Economics
2. Basic Concepts of Economics
3. Central Problems of an Economy
4. Types of Economics
5. Consumer Awareness

### **Annual Examination :**

1. An Overview of Indian Economy
2. Infrastructure of the Indian Economy
3. Globalisation

## COMMERCIAL STUDIES

### **Half Yearly Examination :**

1. Commercial Activities :
  - Meaning, Differences
  - Types of Commercial Activities
  - Business Activities
  - Non-profit Organisation
  - Commerce, Trade and Aids to Trade
  - Commercial Organisations – Public and Private and Joint Sectors.
2. Important Departments of a Commercial Organisation :
  - Production, Purchase and Sale, Marketing, Finance, Accounting, Human Resources, Legal, Management System.
3. Communication in Commercial Organisation :
  - Roles, Methods and Process of Commercial Communication.
4. Banking
  - Commercial Banks – Functions and Types of Accounts.
5. Trade
  - Channels of Distribution
  - E-Commerce and E-Trade

**Annual Examination :**

1. Social Responsibility of Commercial Organisation towards Environment.
2. Introduction of Accounting and Book-keeping :
  - Meaning and Objectives
  - Basic Accounting Terminology
  - Basic Accounting Principles and Concepts
  - Journal
  - Ledger
  - Trial Balance
  - Cash Book

COMPUTER APPLICATIONS

**Half Yearly Examination :**

- Values and Types
- Operators and Expression in JAVA
- Conditional in JAVA
- Internet and E-mail Services
- Computing and Ethics
- Elementary Concept of Object and Classes
- History and Development of JAVA
- Iteration Through Loops [Excluding Nested Loop]

**Annual Examination :**

- Elementary Concept of Object and Classes
- History and Development of JAVA
- Values and Types
- Operators and Expression in JAVA
- Conditional Statement in JAVA
- Iteration Through Loops
- String Manipulation in JAVA