

DOUGLAS MEMORIAL HIGHER SECONDARY SCHOOL

SYLLABUS – 2018-19

CLASS – X

ENGLISH PAPER – I

Pre Selection Examination :

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

Selection Examination :

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

ENGLISH PAPER – II

Pre Selection Examination :

- Poem : The Cold Within
After Blenheim
The Patriot [Revision]
- Prose : Chief Seattle's Speech
An Angel in Disguise
The Blue Bead
- Play: The Merchant of Venice Act. III
Act. I [Revision]

Selection Examination :

- Poem : 1-10
Prose : 1-10
Play : Act. I-V

BENGALI 2nd LANGUAGE

Pre Selection Examination :

- সংকলিতা : গল্প — 1. দেবতার জন্ম
2. নীল মানুষের কাহিনি
3. লোকটি
- কবিতা — 1. সভ্যতার প্রতি
2. রবীন্দ্রনাথের প্রতি
3. আবার আসিব ফিরে
- ব্যাকরণ : রচনা, চিঠি, বোধ পরীক্ষণ, সাধু-চলিত, উপসর্গ ও অনুসর্গ, ছেদ ও যতি চিহ্ন।

Selection Examination :

- সংকলিতা : গল্প — 1. গন্ধটা খুব সন্দেহজনক
- কবিতা — 1. ফুল ফুটুক না ফুটুক
- ব্যাকরণ : রচনা, বোধ পরীক্ষণ, চিঠি, বাচ্য, বাক্য, উক্তি, বানান শুদ্ধিকরণ, একই শব্দের ভিন্নার্থে প্রয়োগ, এক কথায় প্রকাশ, সাধু ও চলিত, বাগধারা, ছেদ ও যতি চিহ্নের ব্যবহার।

HINDI 2nd LANGUAGE

Pre Selection Examination :

- কিতাব : সাহিত্য সাগর
- Book – 1 (गद्य) 1. जामुन का पेड़
2. संदेह
3. भेड़ और भेड़िए

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- Book – 2 (पद्य)
1. भिक्षुक
 2. विनय के पद
 3. चलना हमारा काम है
- व्याकरण :
1. विशेषण
 2. भाववाचक संज्ञा
 3. विलोम शब्द
 4. पर्यायवाची शब्द
 5. मुहावरें
 6. शुद्ध-अशुद्ध शब्द
 7. पत्र लेखन
 8. निबंध लेखन
 9. निर्देशानुसार वाक्य परिवर्तन
 10. अपठित गद्यांश

Selection Examination :

किताब : साहित्य सागर

- Book – 1 (गद्य)
1. दो कलाकार
 2. प्रत्येक अध्याय का पुनः अवलोकन
- Book – 2 (पद्य)
1. मातृ मंदिर की ओर
 2. प्रत्येक अध्याय का पुनः अवलोकन
- व्याकरण :
- सम्पूर्ण पाठ्यक्रम का पुनः अवलोकन

MATHEMATICS

Pre Selection Examination :

1. Quadratic Equation in one Variable
2. Factorization
3. Matrices
4. Arithmetic and Geometric Progression

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5. Banking
6. Ratio and Proportion
7. Linear Inequation
8. Trigonometrical Identities
9. Trigonometrical Tables
10. Heights and Distance
11. VAT
12. Shapes and Dividends
13. Circle [15.1 and 15.2]
14. Reflection
15. Section Formula
16. Equation of Straight Line
17. Similarity
18. Locus

Selection Examination :

Full Syllabus

PHYSICS

Pre Selection Examination :

1. Force
2. Work, Energy and Power
3. Machines
4. Refraction of Light at Plane Surfaces
5. Refraction Through a Lens
6. Spectrum
7. Current Electricity
8. Household Circuits
9. Electromagnetism [Upto d.c. motor]

Selection Examination :

Full Syllabus

CHEMISTRY

Pre Selection Examination :

- Chapter – 1 : Periodic Properties and Variations of Properties – Physical and Chemical. [Revision]
- Chapter – 2 : Chemical Bonding [Revision]
- Chapter – 3 : Study of Acids, Bases and Salts [Revision]
- Chapter – 4 : Analytical Chemistry
- Chapter – 5 : Mole Concept and Stoichiometry [Upto Exercise 5A]
- Chapter – 6 : Electrolysis
- Chapter – 8 : Study of Compounds
A : Hydrogen Chloride
B : Ammonia
C : Nitric Acid
D : Sulphuric Acid

Selection Examination :

- Chapter – 5 : Mole Concept and Stoichiometry
- Chapter – 7 : Metallurgy [Revision]
- Chapter – 9 : Organic Chemistry

Revision Chapter :

All the Chapters form Pre-Selection Syllabus

BIOLOGY

Pre Selection Examination :

- Chapter – 2 : Structure of Chromosomes, Cell Cycle and Cell Division.
- Chapter – 3 : Genetics [Some Basic Fundamentals]
- Chapter – 4 : Absorption by Roots
- Chapter – 5 : Transpiration

- Chapter – 8 : The Circulatory System
- Chapter – 9 : The Excretory System
- Chapter – 10 : The Nervous System
- Chapter – 11 : The Sense Organs

Selection Examination :

- Chapter – 6 : Photosynthesis
- Chapter – 7 : Chemical Co-ordination in Plants
- Chapter – 12 : The Endocrine System
- Chapter – 13 : The Reproductive System
- Chapter – 14 : Human Evolution
- Chapter – 15 : Population
- Chapter – 16 : Pollution [Revision]
- Examination Syllabus : [Entire Syllabus acc. to ICSE]

HISTORY / CIVICS

Pre Selection Examination :**History :**

1. The Muslim League
2. Lucknow Pact, Home Rule League and August Declaration.
3. National Movement [1915 to 1947]
 - a) Mahatma Gandhi
 - b) Forward Bloc and INA
 - c) Towards Independence
4. The Contemporary World
 - a) The First World War

Civics :

5. Union Executive
 - a) President
 - b) Vice-President
 - c) Prime-Minister and Council of Ministers

Selection Examination :History :

1. The Contemporary World
 - a) Rise of Dictatorships
 - b) The Second World War
 - c) United Nations and Agencies [UNICEF, WHO, UNSECO]
 - d) Non-Aligned Movement

Civics :

1. The Judiciary
 - a) The Supreme Court
 - b) The High Court
 - c) Subordinate Courts

Full Book :

All the Previous Chapters taught in History and Civics

GEOGRAPHY

Pre Selection Examination :

- Energy and Power Resources
- Minerals in India
- Climate of India
- Agriculture in India
- Food Crops
- Cash Crops
- Agro Based Industries

Map Pointing : Map of India [Whole Syllabus]

Toopsheet : Six Figure Grid Reference, Indirect Distance Measurement, Area Measurement, Identification of Climate, Occupation, Overall Topo Map Interpretation.

Selection Examination :

- Mineral Based Industry
 - Waste Management – I
 - Waste Management – II
- [All the Chapters that were done in Pre-Selection including Toposheet and Map Pointing.]

ECONOMIC APPLICATIONS

Pre Selection Examination :

1. Theory of Demand
2. Theory of Supply
3. Land
4. Labour
5. Capital
6. Entrepreneur
7. Perfectly Competitive Market

Selection Examination :

1. Alternative Market Structures
2. The State and Economic Development
3. Money and Banking
4. Revision of all chapters done in Pre-Selection

COMPUTER APPLICATIONS

Pre Selection 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
- Arrays

Selection Examination :

As Per ICSE Syllabus