

SYLLABUS 2022
CLASS – VIII

ENGLISH

Books :

- a. Dreamcatcher : An English Reader Bk-8
- b. Essential of English Grammar and Composition Bk-8

FORMATIVE AND SUMMATIVE ASSESSMENT I

LITERATURE

1. Mrs Packletide's Tiger (Prose) — Saki
2. As I grew older (Poem) — Langston Hughes
3. Escape from a Sunken Submarine (Prose) - TC Bridges and H Hessel Tiltman

LANGUAGE GRAMMAR

1. Articles and Prepositions
2. Narration — Change from Direct to Indirect speech and Indirect to Direct speech.
3. Voice Change

WRITING SKILL

1. Autobiography Writing
2. Paragraph Writing
3. Unseen comprehension

FORMATIVE AND SUMMATIVE ASSESSMENT II

LITERATURE

1. The Highwayman (Poem) — Alfred Noyes
2. The Ant and The Grasshopper (Prose) — Somerset Maugham
3. O Captain ! My Captain ! (Poem) — Walt Whitman

LANGUAGE GRAMMAR

1. Tenses (Identification and interchange of all forms)
2. Phrases and Clauses (Identification and Change)
3. Identification of Simple, Complex and Compound sentences

WRITING SKILL

1. Letter Writing (Formal)
2. Paragraph Writing
3. Biography Writing
4. Unseen Comprehension

FORMATIVE AND SUMMATIVE ASSESSMENT III

LITERATURE

1. As you like it (Play) — William Shakespeare
2. To Celia (Poem)— Ben Jonson
3. The Cop and the Anthem (Prose) — O Henry

ENGLISH GRAMMAR

1. Phrasal Verbs
2. Identification of Simple, Complex and Compound Sentences — to continue
3. Revision of all previous topics

WRITING SKILL —

1. Letter to the Editor
2. Summary Writing
3. Unseen comprehension

Bengali 1st language

Books :

- Natun Sahitya Bk-8
- Raj Kahini by Abanindranath Thakur
- Bangla Byakaran O Rachana Prasanga Cl-8

প্রথমঅভীক্ষা :

কবিতা : দেশেরমাটি , জীবনভিক্ষা
গদ্য : রামেরসুমতি
সহায়ক : শিলাদিত্য
ব্যাকরণ : কারকবিভক্তি , বিসর্গসন্ধি , পদান্তর
নির্মিতি : বঙ্গানুবাদ , ভাবসম্প্রসারণ

দ্বিতীয়অভীক্ষা

কবিতা:রানার , রাধাচূড়া
গদ্য : রূপোকাকা
সহায়ক : গোহ
ব্যাকরণ : সমাস , বাক্যপরিবর্তন , পূর্বপাঠসহ
নির্মিতি : ভাবার্থ , ভাবসম্প্রসারণ , বঙ্গানুবাদ
প্রকল্প

তৃতীয়অভীক্ষা

কবিতা: হাট
গদ্য : স্বাক্ষর
সহায়ক : পদ্মিনী
নির্বাচিতপূর্বপাঠ

Hindi First Language

हिंदी- प्रथमभाषा

Books :

- Navrang Bk-8 (Second Edition)
- Amar Bharati Bk-3 Cl-VIII by Pandey & Singh
- Sankalp Bk-8

Formative and Summative Assessment - I

पद्य

- आ:धरतीकितनादेतीहै (नवरंग)
- बिहारीकेदोहे (अमरभारती)
- सरस्वतीवंदना (अमरभारती)

गद्य

- एकथीमनू (नवरंग)
- अद्भुतवनस्पतिजगत (नवरंग)
- क्यानिराशहुआजाए (अमरभारती)

व्याकरणएवंरचना :

शब्दार्थ, पर्यायवाचीशब्द (1 -- 15), विपरीतार्थकशब्द (अथसेनिद्रा), मुहावरे (1--25), शब्दसमूहकेलिएएकशब्द (1--20), संधि, भावविस्तार, पत्रलेखन, अनुवाद,विशेषण, सर्वनाम।

Formative and Summative Assessment - II

पद्य

- हमारीसभ्यता (नवरंग)

- २) बालकृष्ण (अमरभारती)
- ३) ग्रामदेवता (अमरभारती)

गद्य

- १) आदर्शविद्यार्थी (अमरभारती)
- २) बहतापानीनिर्मला (नवरंग)
- ३) यक्ष - युधिष्ठिरसंवाद (नवरंग)

व्याकरणएवंरचना :

शब्दार्थ, पर्यायवाचीशब्द (16--35), विपरीतार्थकशब्द (अक्षमसेसदुपयोग), मुहावरे (26 -- 50), शब्दसमूहोंकेलिएएकशब्द(21 -- 40), संधि, भावविस्तार, कारक, समास, पत्रलेखन, अनुवादा

Formative and Summative Assessment - III

पद्य

- १) साखी (अमरभारती)
- २) विश्ववेदना (नवरंग)
- ३) कर्मवीर (नवरंग)

गद्य

- १) प्रसिद्धवैज्ञानिकए. पी. जे. अब्दुलकलाम (नवरंग)
- २) परायाधन(अमरभारती)
- ३) कलाकार (नवरंग)

व्याकरणएवंरचना :

शब्दार्थ, पर्यायवाचीशब्द (36 -- 50), विपरीतार्थकशब्द (नाकसेजानी), मुहावरे (51 --70), शब्दसमूहोंकेलिएएकशब्द(41-- 60), निबंध, समास, वाक्यएवंवर्षभरकियागयाव्याकरणएवंरचनाभाग 1

Mathematics

- Books:** 1. Ganit Prabha Class - VIII
2. School Mathematics for Class VIII (Subrata Dutta)

SUMMATIVE 1:-

Arithmetic-Chapter 1: Revision- Square Measure

Chapter 2: Pie chart, Bar Graph and Pictograph

Chapter 10: Rule of Three

Chapter 11: Percentage (only objective types)

Algebra-Chapter 1: Revision

Chapter 3: Rational Numbers

Chapter 4: Multiplication of Polynomials

Chapter 5: Division of Polynomials

Geometry-Chapter 1: Revision

Chapter 6: Complementary Angles, Supplementary Angles, Adjacent Angles

Chapter 7: Concept of Vertically opposite angles

Chapter 2: (Subrata Dutta) - Theorems 1, 2, 3 (including riders and numerical application)
Theorems 4,5 (only numerical application)

Chapter 21: Construction of Triangles

Problem 3,4 (S. Datta)

FORMATIVE 1-Data Handling (ARITHMETIC)

SUMMATIVE 2:-

Arithmetic- Chapter 11: Percentage

Chapter 12: Mixture

Chapter 17: Time and Work (partly)

Algebra- Chapter 5: Cubes [$(a + b)^3$, $(a - b)^3$, $a^3 + b^3$, $a^3 - b^3$]

Factorization by formulae

Chapter 13: Factorization (middle term breaking, trial method)

Chapter 14: H.C.F and L.C.M

Chapter 15: Simplification of algebraic expression

Geometry-Chapter 8: Properties of Parallel lines and their Transversal

Chapter 9: Relation between two sides of a triangle and their opposite angles.

Chapter 2:(Subrata Dutta) – Theorems 4, 5, 6, 7(including riders and applications)

Chapter 16: Verification of the relation between the angles and sides of a triangle.

Chapter 2: (Subrata Dutta) – Theorems 9, 10, 11, 12(including riders and applications)

Chapter 22: Construction of Parallel lines

Chapter 23: Dividing a line segment into given equal parts

Chapter 20: Geometrical Proofs

FORMATIVE 2- Project (GEOMETRY)

[**Note: All the topics of SA-1 included**]

SUMMATIVE 3:-

Arithmetic- Chapter 17: Time and Work

Chapter 24: A few interesting problems

Algebra-Chapter 13: Factorization

Chapter 19: Formation of Equations and Solutions

Chapter 18: Line Graph

Geometry- Chapter 2: (Subrata Dutta) - Theorems 13, 14, 15, 16

Theorems on Parallelogram and Quadrilateral

Chapter 3: (Subrata Dutta) - Problems 1, 2

FORMATIVE 3- Graphical Representation(ALGEBRA)

[**Note: Full syllabus for Final Examination**]

PHYSICS

Books :

a. Viva ICSE Physics Cl-VIII

Summative assessment I

1. Physical Quantities and Measurements
2. Light
3. Heat Transfer

Summative assessment II

1. Force and Pressure
2. Energy
3. Physical Quantities and Measurements
4. Heat Transfer

Summative assessment III

1. Sound
2. Electricity
3. Force and Pressure
4. Energy
5. Light

CHEMISTRY

Books :

a. Viva ICSE Chemistry CI-VIII

FORMATIVE AND SUMMATIVE ASSESSMENT I

- 1.Matter.
2. Physical & Chemical Changes.
3. Elements, Compounds & Mixtures.
4. Hydrogen.

FORMATIVE AND SUMMATIVE ASSESSMENT II

- 1.Hydrogen.
- 2.Atomic Structure.
- 3.Language of Chemistry.
- 4.Matter.
- 5.Elements, Compounds & Mixtures.
- 6.Carbon (till allotropes).

FORMATIVE AND SUMMATIVE ASSESSMENT III

1. Chemical Reactions.
2. Language Of Chemistry.
- 3.Carbon.
4. Water.
5. Physical&Chemical Changes.
6. Atomic Structure.
7. Hydrogen.

BIOLOGY

Books :

a. Living Science Biology by D.K Rao CI-VIII

Formative Assessment I : 1. Reproduction in Plants

Summative Assessment I : 1. Reproduction in Plants
2. Transport of Food & Minerals in Plants
3. Reproduction in Humans

Formative Assessment II : 1. Endocrine System in Humans

Summative Assessment II : 1. Endocrine System in Humans
2. Ecosystems
3. Circulatory System in Humans
4. Transport of Food & Minerals in Plants (Revision from SAI)
5. Reproduction in Humans (Revision from SAI)

Formative Assessment III : 1. Nervous System in Humans

Summative Assessment III : 1. Nervous System in Humans
2. Health & Hygiene
3. Food Production & its Management
4. Ecosystems (Revision from SAI)
5. Endocrine System in Humans (Revision from SAI)
6. Circulatory System in Humans (Revision from SAI)
7. Reproduction in Humans (Revision from SAI)

GEOGRAPHY

Books :

a. School Geography CI-VIII by Arun Sankar Pal

b. Oxford School Atlas (Latest Edition)

FORMATIVE AND SUMMATIVE ASSESSMENT I

1. Interior of the Earth
2. Unstable Earth
3. Cloud and Rain
4. Some Neighbouring Countries of India.
5. Map pointing - Outline map of India.

FORMATIVE AND SUMMATIVE ASSESSMENT II

1. Rocks.
2. Pressure Belts and Wind.
3. North America.
4. Time Sums
5. Map pointing - Outline map of India.
6. Revision of SA1

FORMATIVE AND SUMMATIVE ASSESSMENT III

1. Climatic Regions.
2. Human activities and Environmental Degradation.
3. South America.
4. Time Sums
5. Map pointing - Outline map of India.
6. Revision of SA1 and SA 2.

HISTORY

Books :

a. Past and Present – A Text Book of History & Civics CI-VIII for ICSE Schools

SUMMATIVE ASSESSMENT 1:

- A Period Of Transition
- The Age Of Revolutions
- The American Civil War
- The Union Legislature

FORMATIVE ASSESSMENT 1 :

- Project On The Age Of Revolutions

SUMMATIVE ASSESSMENT 2 :

- A Period Of Transition
- The Age Of Revolutions
- The American Civil War
- India In The Eighteenth Century
- From Traders To Rulers
- British Policies And Their Impact

FORMATIVE ASSESSMENT 2 :

- Project On India In The Eighteenth Century

SUMMATIVE ASSESSMENT 3 :

- A Period Of Transition
- The Age Of Revolutions
- A Period Of Transition
- The Age Of Revolutions
- The Great Uprising

- Reforms In Indian Society
- The Union Executive

FORMATIVE ASSESSMENT 3 :

- Project On The Great Uprising

Hindi Third Language

Books :

a. Subodh Bharti Bk-4

FA1 & SA1

सुबोधभारती 4 i) हिमालय

ii) राजाकेजूते

iii) वनहैतोहमहैं

iv) गिनती (५०-१००)

व्याकरण: शब्दार्थ, वाक्यबनाओएवंपाठसेसंबंधितव्याकरण।

FA2 & SA2

i) सूरजहैजीवनधरतीका (pg-66)

ii) राजाकान्याय

iii) प्राथमिकउपचार

iv) रास्तेकापत्थर

व्याकरण - विपरीतशब्द, पर्यायवाचीशब्द, शब्दार्थ, वाक्यबनाओएवंपाठसेसंबंधितव्याकरण।

FA3 & SA3

i) मैंहूँसाबरमती

ii) मूल्यवानसमय

iii) छुट्टियोंमेंसैर

iv) कृष्ण-सुदामामित्रता

व्याकरण- विपरीतशब्द, पर्यायवाचीशब्द, शब्दार्थ, लिंग, वचन, वाक्यबनाओएवंपाठसेसंबंधित व्याकरणतथानिबंध।

Bengali 3rd language

Books :

a. Sahaj Path Bk-2

FA 1& SA 1

सहजपाठ -प्रथमपाठ,द्वितीयपाठएवंतृतीयपाठ

सहजपाठ -कविताहाट

बोधपरीक्षण

FA 2& SA 2

सहजपाठ -चतुर्थ,पञ्चमओषष्ठपाठ

सहजपाठकविता- ओइखाले मा पूकुर पाड़े, (पृष्ठा१६)

आमि ये रोज सकाल हले(पृष्ठा२२)

बोधपरीक्षण

पूर्वपाठसह

FA3 & SA3

সহজপাঠ - সপ্তম, অষ্টম, নবম ও দশম পাঠ
সহজপাঠকবিতা - সেদিন ভোরে দেখি উঠে (পৃষ্ঠা ২৭)
অনুচ্ছেদ
পূর্বপাঠসহ

Information Technology & Applications

SUMMATIVE ASSESSMENT - I

1. Introduction to networking
2. DBMS Concepts
3. Open Office Database component - Base
4. GK on Computer

SUMMATIVE ASSESSMENT - II

1. HTML
 - a. Concept of Tags and attributes
 - b. Container tags and Empty tags
 - c. Tags - HTML, HEAD, BODY, FONT, OL, UL, TABLE, HR, BR, MARQUEE, FORM etc
2. Revision of SA I (Selected topics)

SUMMATIVE ASSESSMENT – III

1. Programming with Python
 - a. Structure of Python program
 - b. Variables, constants
 - c. Arithmetic Operators, expressions
 - d. Simple programs
2. G.K on computer
3. Revision of SA I and SA II (Selected topics)