

**HOLY CROSS SCHOOL, MONDALAI**  
**SYLLABUS (2023-2024)**  
**CLASS VIII**

**ENGLISH LANGUAGE (I)**

**BOOK :- Collins English Grammar – VIII**

**UNIT TEST – I**

1. Nouns
2. Pronouns
3. Adjectives
4. Determiners

**HALF YEARLY**

1. Nouns
2. Pronouns
3. Adjectives
4. Determiners
5. Articles
6. Verbs
7. Agreement of Subject and Verb
8. Non Finite Verbs
9. Active and Passive Voice
10. Phrases and Clauses (Phrases and Noun Clause)
11. Prepositions
12. Idioms and Phrasal Verbs
13. Comprehension (Unseen)
14. Composition (Unseen)
15. Letter Writing (both formal and Informal Letter)
16. Notice Writing (Unseen)

**UNIT TEST 2**

1. Phrases and Clauses (Noun, Adjective and Adverb Clause)
2. Adverb
3. Prepositions

**ANNUAL**

1. Phrases and Clauses (Adjective and Adverb Clause)
  2. Adverb
  4. Direct and Indirect Speech
  5. Relative Clause
  6. Conditional Sentences
  7. Transformation of Sentences
  8. Prepositions
  9. Idioms and Phrasal Verbs
  10. Comprehension (Unseen)
  11. Composition (Unseen)
  12. Letter Writing (Formal and Informal)
  13. Notice Writing (Unseen)
-

## ENGLISH-LITERATURE(II)

**Book: - New Oxford Modern English – VIII**

### UNIT TEST – I

1. A Shot in the Dark
2. On the Grasshopper and Cricket
3. Going for Water

### HALF-YEARLY

1. A Shot in the Dark
2. The Adventure of the Dying Detective
3. The Enchanted Pool
4. Where the Mind is Without Fear
5. On the Grasshopper and Cricket
6. Going for Water

### UNIT TEST – II

1. The Model Millionaire
2. The West Wind
3. Ozymandias

### ANNUAL

1. The World Renowned Nose
  2. The Model Millionaire
  3. Twelfth Night
  4. If
  5. The West Wind
  6. Ozymandias
- 

## HINDI

**Book:- NANDINI HINDI PATHYA PUSTAK**

### UNIT TEST – I

- अध्याय -
- (1) श्रेष्ठकर्म (कविता)
  - (2) निष्ठाकाफल (कहानी)
  - (3) हरियाकीसूझबूझ(कहानी)
  - (4) मैंहूँबिजली(आत्मकथात्मककहानी)

### HALF YEARLY

- अपठितगद्दयांश
- अनुच्छेद
- (क) भारतकाकिसान (ख) स्वास्थ्यऔरव्यायाम

**ओपचारिकपत्र -** (क) आर्थिकसहायताप्राप्तकरनेकेसंबंधमेंविद्यालयकेप्रधानाचार्याकोपत्रलिखो।

(ख) छात्रवृत्तिकेलिएअपनेविद्यालयकेप्रधानाचार्याकोआवेदनपत्रलिखिए।

- अध्याय

- (1) श्रेष्ठकर्म (कविता)

- (2) निष्ठाकाफल (कहानी)
- (3) हरियाकीसूझबूझ(कहानी)
- (4) मैंहूँबिजली(आत्मकथात्मककहानी)
- (5) नन्हापौधा(कहानी)
- (6) इन्साफ(एतिहासिककथा)
- (7) अंगोकीहड़ताल(प्रसंग)
- (8) बालकचन्द्रगुप्त(एतिहासिकप्रसंग)

### UNIT TEST – II

#### ➤ अध्याय -

- (1) चेतक (कविता)
- (2) वीरमालवजी (एतिहासिकनाटक)
- (3) एकसफलउड़ान (आत्मकथात्मकप्रसंग)
- (4) जीवनकाभेद (कविता)

### ANNUAL

- अपठितगद्यांश
  - अनुच्छेद - (क) पढ़ेगाइंडियाबढ़ेगाइंडिया (ख) समयकिसीकेलिएनहींरुकता
  - अनौपचारिकपत्र - (क)  
आपकेजन्मदिनपरआपकेमामाजीनेआपकोएकसुन्दरउपहारभेजाहैइसउपहारकेलिएधन्यवादएवंकृतज्ञता ।  
(ख) अपनेपिताजीकोकुछरुपाईमंगवानेकेलिएपत्र ।
  - अध्याय -
  - (1) चेतक (कविता)
  - (2) वीरमालवजी (एतिहासिकनाटक)
  - (3) एकसफलउड़ान (आत्मकथात्मकप्रसंग)
  - (4) जीवनकाभेद (कविता)
  - (5) चींटियोंकीअद्भुतदुनियां (ज्ञानपरकलेख)
  - (6) हमारीनदियाँ (लेख)
  - (7) प्रायश्चित (हास्यकथा)
- 

## MATHEMATICS

### Book :- Mathematics Today - VIII

#### UNIT TEST – I

Ch :2Exponents.

Ch :7Percentage.

Ch :12Fundamental concepts and operations

Ch :13AlgebraicIdentities

Ch :18Quadrilateral.

#### HALF YEARLY

Ch :1Rationalnumbers.

Ch :2Exponents.

Ch :7Percentage.  
Ch :8Profit, Loss and Discount.  
Ch :12Fundamental Concepts and Operations.  
Ch :13Algebraic Identities (Some Special Products).  
Ch :14Factorization.  
Ch :18Quadrilateral.  
Ch :19Special types of Quadrilaterals.  
Ch :25Area of Rectilinear Figures.  
Ch :28Data Handling.  
Ch :27Volume and Surface Area of Solids  
Ch:30probability

### **UNIT TEST – II**

Ch :3Squares and Square Roots (Excluded Ex.3D)  
Ch :6sets.  
Ch :9Simple Interest and Compound Interest.  
Ch :15Linear Equations.  
Ch.24Circle

### **ANNUAL EXAMINATION**

Ch :3Squares and Square Roots (Excluded Ex.3D).  
Ch :4Cubes and Cube Roots (Excluded Ex.4B).  
Ch :6Sets.  
Ch :9Simple Interest and Compound Interest.  
Ch :10Direct and Inverse Variation  
Ch : 11 Time and Work.  
Ch :15 Linear Equations.  
Ch :16Linear Inequations.  
Ch :20construction of quadrilateral  
Ch.24Circle.  
Ch.26Circumference and Area of a Circle  
Ch29graphical representation of data

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## **PHYSICS**

### **Book :- Concise Physics – VIII**

#### **UNIT TEST – I**

Chapter 1 :Matter

Chapter 2 :Physical Quantities and Measurement

#### **HALF YEALY**

Chapter 1 :Matter

Chapter 2 :Physical Quantities and Measurement

Chapter 3 :Force and Pressure

Chapter 4 :Energy

#### **UNIT TEST – II**

Chapter 5 :Light Energy

Chapter 6 :Heat Transfer

#### **ANNUAL**

Chapter 5 :Light Energy

Chapter 6 :Heat Transfer

Chapter 7 :Sound

Chapter 8 : Electricity

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## **CHEMISTRY**

### **Book :- Candid New Trends ICSE Chemistry – VIII**

#### **UNIT TEST – I**

##### 1) Matter and its composition

Characteristics of matter, states of matter, Kinetic theory of matter, characteristics of three different states of matter, compressibility of a gas, kinetic molecular theory, conversion of a solid into gaseous state and vice-versa, Law of conservation of mass.

##### 2) Physical and chemical changes

Physical and Chemical properties, Physical and chemical changes and their examples and differences. chemical reaction and conditions for a chemical change.

#### **HALF YEARLY**

##### 1) Matter and its composition

Characteristics of matter, states of matter, Kinetic theory of matter, characteristics of three different states of matter, compressibility of a gas, kinetic molecular theory, conversion of a solid into gaseous state and vice-versa, Law of conservation of mass.

##### 2) Physical and chemical changes

Physical and Chemical properties, Physical and chemical changes and their examples and differences. Exclude chemical reaction and conditions for a chemical change.

##### 3) Elements , compounds and mixtures

Classification of matter, Homogeneous materials, Pure substances, Elements, compounds, mixtures and their characteristics and differences, separation of components of a mixtures.( Exclude – separation of liquid gas mixture, separation of gas gas mixture)

##### 4) Atomic structure

Dalton's atomic theory, Modern atomic concept, sub atomic particles – electron, proton and neutron and their characteristics, the Plum Pudding model, Rutherford's Gold Foil experiment, Atomic number, mass number, Isotopes, Isobars, Isotones, Rutherford's model, Neil Bohr's model, Arrangement of electrons in atoms, Electronic configuration, valency. (Exclude chemical bonds and their differences.)

##### 5) Language of Chemistry

Symbol of an element, valency, variable valency, Radicals, chemical formula, chemical equation, Balancing of chemical equations, (Exclude – limitations and Drawbacks of chemicals equation and its removal.)

#### **UNIT TEST – II**

##### 1) Chemical reactions

Combination reaction, Decomposition reaction, Displacement reaction, Double decomposition, Neutralization reaction, Exothermic and Endothermic reaction.

##### 2) Hydrogen

Occurrence, General preparation, Laboratory, Physical and Chemical properties of hydrogen. Test for hydrogen, uses of hydrogen.

## **ANNUAL**

### 1) Chemical reactions

Combination reaction, Decomposition reaction, Displacement reaction, Double decomposition, Neutralization reaction, Exothermic and Endothermic reaction.

### 2) Hydrogen

Occurrence, General preparation, Laboratory and Industrial preparation of Hydrogen, Physical and Chemical properties of hydrogen. Test for hydrogen, uses of hydrogen.

### 3) Water

Laboratory preparation of water, tests of water, Water of crystallisation, Efflorescence, deliquescence, hygroscopic substances, Physical and Chemical properties of Water, Hard and Soft water. Exclude - Water cycle, Importance of water, potable water, purification of drinking water, uses of water, chemical analysis of water, composition of water by volume and mass, water pollution, test for gases.

### 4) Carbon and its compounds

Isotopes, Allotropy, crystalline form– Diamond, Graphite. Amorphous Carbon – Charcoal, Lampblack, Coke, Reducing property of carbon, Let me explain. (exclude-- Fullerene– their structure, properties and uses)

### 5) Oxides of Carbon

Occurrence, Lab preparation of carbon di oxide, physical and chemical properties of carbon di oxide, test for carbon di oxide and its uses, Fuel and its combustion, Carbon mono oxide and its nature and harmful effects. (Exclude – General preparation of Carbon di oxide, Radiations from sun, Green house effect, global warming, fuel, combustion of fuel, blast furnace.)

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## **COMPUTER**

### **Book :- Computer Studies – VIII**

### **UNITTESTI**

Chapter7 :Networks

### **HALFYEARLYEXAM**

Chapter1:Operating System And Graphical User Interface

Chapter2 :Spread Sheet–Ranges And Functions

Chapter3 :Charts In MS-Excel[Excludingpages53to56]

Chapter7 :Networks

### **UNITTEST – II**

Chapter4 : Algorithms And Flowcharts

### **ANNUALEXAM**

Chapter4 : Algorithms And Flowcharts

Chapter5 : Program C

## **BIOLOGY**

## **Book :- Concise Biology – VIII**

### **UNIT TEST – 1**

#### 1) Transport food and minerals in plants

- \*Absorption of Water by Plants; Movement of molecules – Diffusion, Osmosis, (Definition, example Semi permeable membrane, Root Pressure) and Active Transport.
- \* Transpiration - Definition, Importance and factors affecting transpiration
- \* Conducting Tissues: Structure & function of Xylem & Phloem
- \* Nutrients in Plants: Importance of Macro & Micronutrients. 3 deficiency diseases caused by lack of these essential nutrients.

#### 2) Reproduction in Plants and animals

- Types of Reproduction – A Sexual Reproduction in Plants : Binary fission, Budding, Fragmentation, Spore – formation, Vegetative Propagation – (Basic Concept, Types with examples) Artificial – Propagation by Tissue – Culture. Advantages and Disadvantages of Vegetative Propagation. Economic importance of Artificial Propagation.

### **HALF YEARLY**

#### 1) Transport food and minerals in plants

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- \* Sexual Reproduction in Plants : Flower; parts of flower (4 whorls & their structure & function) Pollination (Self & Cross); Agents of Pollination : three characteristics of Plants pollinated by insects, water & wind (with example) Fertilization and Artificial pollination.
- \* Sexual Reproduction in Animals : Sexual Reproduction in Humans : Main organs of male & female reproductive system and their functions in brief.

#### 3) Ecosystem

- \* Ecosystem : Definition, Interaction between Biotic & Abiotic factors
- \* Biotic Components : Producers, Consumers & Decomposers, Meaning of Food - chain, Food web & Pyramid of members.
- \* Abiotic Components : Brief account of Air, Soil, Water & Climatic factors such as Sunlight, Temperature, Humidity & Wind
- \* Forest Ecosystem: with flora & fauna
- \* Interdependence between organism: Symbiosis, Parasitism, Predation

#### 4) Endocrine system

- Exocrine and Endocrine Glands : (Basic Concepts & Differences)
- Hormones (Definition)

- Hormonal Glands : (Thyroid, Adrenal, Pancreas, Pituitary) in Tabular form Name of Glands, Location in Body, Secretion & Function

## **UNIT TEST – II**

### 1) Adolescence and accompanying changes

\* Adolescent and Puberty, Changes at Puberty Physical and Emotional Changes.

\* Importance of Personal Hygiene

\* Stress Management: Causes; Ways to Tackle Stress

### 2) Circulatory system

- Blood and Blood Vessels: Aorta, Pulmonary trunk, Pulmonary Vein, Coronary Artery and Vein, Venacava (in brief)

- Structure of human heart – valves in heart, Heartbeat, Septum, Pacemaker; Working of hearts – Circulation of blood as double circulation.

- Blood groups A, B, AB and O, Universal Donor and Universal recipient (acceptor)

- Conditions related to functioning of heart: Palpitation, Cardiac Arrest and Hypertension

## **ANNUAL**

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- \* Blood and Blood Vessels: Aorta, Pulmonary trunk, Pulmonary Vein, Coronary Artery and Vein, Venacava (in brief)

- \* Structure of human heart - valves in heart, Heartbeat, Septum, Pacemaker; Working of hearts - Circulation of blood as double circulation.

- \* Blood groups A, B, AB and O, Universal Donor and Universal recipient (acceptor)

- \* Conditions related to functioning of heart: Palpitation, Cardiac Arrest and Hypertension

- \* Lymphatic System

### 3) Nervous system

- \* Nervous system co-ordination - Structure of a neuron; Types of nerves: Sensory, motor and mixed (definition)

- \* Human nervous system - Central Nervous system - The Brain and Spinal Cord - in detail with parts and function. Peripheral Nervous System - Cranial and Spinal nerves

- \* Reflex Action - Definition and Basic terms used to describe reflex action - stimulus, response, impulse receptor, effector; conditioned reflex explaining Pavlov's experiment on dog.

### 4) Health and hygiene

## **GEOGRAPHY**

**Book:- Voyage – VIII**



## **UNIT TEST - 1**

Chapter 2 – Population

Chapter 3 – Migration

## **HALF YEARLY**

Chapter 2 – Population

Chapter 3 – Migration

Chapter 4 – Urbanization

Chapter 7 – Asia- Location, Extent, Political and Physical Features.

Chapter 8 – Asia-Climate and Natural Vegetation.

## **Map Work : (Asia)**

Oceans –Arctic , Pacific , Indian .

Seas – Red , South China, Java, Yellow, Japan, Okhotsk, Bering, Aral, Caspian.

Rivers – Ob, Yenisey, Lena, Huang He, Amur, Chang Jiang(Yangtze), Indus, Tigris, Euphrates, Mekong, Amu Darya, Syr Darya .

Lakes –L.Balkhash, L.Baykal.

Mountains – Himalayas, Kunlun, Hindu Kush, Sulaiman, Urals.

Strait – Bering, Malacca.

Plateaus – Pamir knot, Arabian, Deccan, Tibet.

## **UNIT TEST – II**

Chapter 1- Interpreting Topographical Maps

Chapter 6 - Disaster Management

## **ANNUAL EXAMINATION**

Chapter 1- Interpreting Topographical Maps

Chapter 5 - Natural and Man-Made Disasters

Chapter 6 - Disaster Management

Chapter 9 - India – Location, Extent, Political and Physical Features.

Chapter 10 - India - Climate and Natural Vegetation, Forest and Wildlife.

## **Map Work : (India)**

Water Bodies – Indian Ocean, Arabian Sea, Bay of Bengal, Andaman Sea, Lakshadweep Sea, Chilka Lake, Gulf of Kutchch, Gulf of Khambhat, Gulf of Munnar, Palk Strait.

Mountain Ranges – Himalayas, Karakoram, Aravalli, Vindhyachal, Satpura , Western and Eastern Ghats.

Plains – Gangetic plains, Sundarban delta, Western Coastal plain ( Konkan and Malabar ), Eastern Coastal plain (Coromandel and North Circars) .

Desert – Thar Desert

Rivers– Indus, Ganga, Yamuna, Brahmaputra, Narmada, Tapi, Mahanadi, Godavari, Krishna, Kaveri.

Islands – Lakshadweep, Andaman and Nicobar

Tropic of Cancer

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## **HISTORY AND CIVICS**

### **Book : Cambridge Connection History and Civics - 8**

## **UNIT TEST - I**

1. TheModernWorld
2. TheUnionLegislature
3. TheUnionExecutive

## **HALF YEARLY**

### **HISTORY:**

1. TheModernWorld (Ch.1)
2. IndustrialRevolutionandImperialism (Ch.2)
3. TheAmericanWarofIndependence (Ch.3)
4. TheFrenchRevolution(Ch.4)
5. TheAmericanCivilWar(Ch.5)
6. DeclineoftheMughalEmpire (Ch.6)
7. RiseofRegional Kingdoms(Ch.7)

### **CIVICS :**

1. TheUnionLegislature (Ch.16)
2. TheUnionExecutive(Ch.17)
3. TheJudiciary(Ch.18)

### **Unit Test 2**

1. BeginningofBritish RuleinBengal
2. TheUnitedNations
3. AgenciesoftheUnitedNations

## **ANNUAL EXAMINATION**

### **HISTORY:**

1. BeginningofBritishRuleinBengal (Ch.8)
2. ExpansionofBritishPowerinIndia (Ch.9)
3. BritishPoliciesandtheirImpact (Ch.10)
4. TheRevoltof1857 (Ch.11)
5. SocialandReligiousReforms(Ch.12)
6. RiseofIndianNationalism (Ch.13)
7. TheIndianNationalMovement (1885-1916)(Ch.14)
8. The Indian National Movement (1917-1947)  
(Ch. 15)

### **CIVICS:**

1. TheUnitedNations (Ch.19)
  2. AgenciesoftheUnitedNations (Ch.20)
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## **MORAL SCIENCE**

### **Book :- Heart and mind – 8**

### **HALF-YEARLY**

1. Ch : 2 - Have Faith in God
2. Ch : 3 - Don't Quit
3. Ch : 4 - A Noble Quality
4. Ch : 8 - Learn to Forgive

5. Ch : 9 - Start A Work
6. Ch : 11-The Great Scientists
7. Ch : 12 – Love is Supreme

### **ANNUAL**

1. Ch : 13 - Differently – Abled People
  2. Ch : 14 - The Real Wealth of Life
  3. Ch : 15 - The Path of Truth
  4. Ch : 16 – Global Indians
  5. Ch : 17 – Rights and Duties
  6. Ch : 18 – Controlling Pollution
  7. Ch : 19 – People Who Inspire
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**UNIT TEST : 1**

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বইয়েরনাম: সঞ্চয়িতা

ব্যাকরণসাথি (অষ্টমশ্রেণী)

গদ্য: জীবনস্মৃতি 2+3=5

পদ্য: আদর্শশিষ্য 2+3=5

ঈশ্বরচন্দ্রবিদ্যাসাগর 2+3=5

ব্যাকরণ: এককথায়প্রকাশ (অগ্রগামী- সতীর্থ)

$3 \times 1 = 3$

শুদ্ধবানান 2 \times 1 = 2

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Total: 20

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**Half- yearly**

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গদ্য: রামতনুলাহিড়ী, তোতকাহিনী, গহর।

পদ্য: নির্ঝররস্বপ্নভঙ্গ, বর্ষাসুন্দরী, আমরাছাত্রদল

Total Marks: 40 (Literature)

Each question of this part carries 10 marks that is sub divided as

$2+2+3+3$

ব্যাকরণ: উপসর্গ, (সংস্কৃতওইংরেজি) সরল, জটিলওযৌগিকবাক্যেরধারণাপ্রদানওপরিবর্তন, সাধু-চলিত, সমোচ্চারিতভিন্নার্থকশব্দ (অংশ- নীর), ছেদওযতিচিহ্ন, বিপরীতশব্দ (অগ্র- জ্যেষ্ঠ), এককথায়প্রকাশ ( অকুতোভয়- প্রণম্য), একইশব্দেরভিন্নার্থক (কথা- মন), শুদ্ধবানান, পাঠ্যাংশেরব্যাকরণ, বাগ্ধারা (অ-ও)।

বোধপরীক্ষণ:

$5 \times 2 = 10$

পত্ররচনা (ব্যক্তিগতপত্র, আবেদনপত্র)

--- 32

Grammar 8

Total (Language) 40

**UNIT TEST:: 2**

গদ্য: পদ্মানদীরমাঝি 2+3=5

পদ্য: ক্রীতদাস 2+3=5

আবারআসিবফিরে 2+3=5

ব্যাকরণ: বাচ্যপরিবর্তনওউক্তিপরিবর্তন 3×1=3 বিসর্গসন্ধি

2×1=2-----

Total 20

**Annual Examination**

গদ্য: কালাপাহাড়, অন্নচাই,তোতাপাখিরপাকামি।

পদ্য: রাখালছেলে, আগামী, যাওয়া।

Total Marks: 40 (Literature)

Each question of this part carries 10 marks that is sub divided as

2+2+3+3

ব্যাকরণ: উপসর্গ(বাংলা,

বিদেশী), বাচ্যপরিবর্তন, বাক্যপরিবর্তন (গঠনগতওঅর্থগত)

,সমোচ্চারিতভিন্নার্থকশব্দ( পড়া- সাংসদ), একইশব্দেরভিন্নঅর্থেপ্রয়োগ (

বিশেষণ-ক্রিয়া), এককথায়প্রকাশ ( পিপাসা- জিঘাংসা), বিপরীতশব্দ(জড়-

হিত), ছেদওযতি, সাধুওচলিত, উক্তিপরিবর্তন, শুদ্ধবানান,

পাঠ্যাংশেরব্যাকরণ, বাগধারা( ক-চ)।

বোধপরীক্ষণ: 5×2=10

পত্ররচনা(ব্যক্তিগতপত্র, আবেদনপত্র) 7

প্রবন্ধরচনা/ গল্পলিখন/ চিত্রপর্যবেক্ষণ 15

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32

Grammar

8

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Total ( Language )

40