

SYLLABUS BOOK 2025



FOR CLASS - VIII

HOLY CROSS SCHOOL

AGARTALA, WEST TRIPURA

Tel: 9402317627 / 8131985005

www.holycrossschoolagt.in

HOLY CROSS SCHOOL, AGARTALA
SYLLABUS for 2025
Class : VIII
Subject : ENGLISH LANGUAGE (HALF YEARLY)

UNIT TEST-I	HALF-YEARLY
Unit Test I: 1. Ch-2 – Pronouns 2. Ch-3 – Adjectives 3. Ch-5 – Articles	1. Ch-2 – Pronouns 2. Ch-3 – Adjectives 3. Ch-5 – Articles 4. Ch-6 – Verbs 5. Ch-7 – Agreement of Subject and verb 6. Ch-8 – Non-Finite verbs 7. Ch-9 – Modals 8. Ch-10 – Sentences • Essay – Ch-41 • Comprehension • Letter Ch-42 (Informal) • Notice • Writing Ch-43

Subject : ENGLISH LANGUAGE (Final)

UNIT TEST-II	FINAL
Unit Test II: 1. Ch-14 – Prepositions 2. Ch-18 – Phrases and Clauses.	1. Ch-10 – The Present Tense 2. Ch-11 – The Past Tense 3. Ch-12 – The Future Tense 4. Ch-13 – Adverbs 5. Ch-14 – Prepositions 6. Ch-15 – Conjunctions 7. Ch-16 – Direct and Indirect Speech 8. Ch-17 – Active and Passive Voice 9. Ch-18 – Phrases and Clauses 10. Ch-22 – Transformation of sentences 11. Ch-23 – Synthesis of Sentences. • Comprehension • Essay (Ch-41) • Letter (formal) – (Ch-42) • Email Writing – (Ch-42)

HOLY CROSS SCHOOL, AGARTALA
SYLLABUS for 2025
Class : VIII
Subject : ENGLISH LITERATURE (HALF YEARLY)

UNIT TEST-I	HALF-YEARLY
Unit Test I: 1. The Lotus 2. Ch-1 – The Time Machine	1. The Lotus (Poem) 2. Ch-1 – The Time Machine (Prose) 3. Ch-2 – The Old Man and the Sea (Prose) 4. In the Bazaars of Hyderabad (Poem) 5. Ch-5 – The Gift of the Magi (Prose)

Subject : ENGLISH LITERATURE (Final)

UNIT TEST-II	FINAL
Unit Test II: 1. The Mouse and the Snake 2. The Speckled Band	1. The Mouse and the Snake (Poem) 2. The Tyger (Poem) 3. Ch-8 – The Speckled Band (Prose) 4. Ch-9 – Tryst with Destiny (Prose) 5. Ch-11 – The Bishop's Candle Sticks (Drama)

SYLLABUS for 2025

Class : VIII

Subject: BENGALI (HALF YEARLY-1st Term)

Book : স্বর্ণকমল (অষ্টম ভাগ)

গদ্য :

- | | |
|-----------------------|--------------------|
| ১। মানুষই দেবতা | রবীন্দ্রনাথ ঠাকুর |
| ২। ফিরে দেখা নেতাজি | নারায়ন সান্যাল |
| ৩। দক্ষিণ মেরু অভিযান | সাধনা মুখোপাধ্যায় |

কবিতা :

- | | |
|--------------------|-----------------------|
| ১। মূল্যপ্রাপ্তি | রবীন্দ্রনাথ ঠাকুর |
| ২। ক্রীতদাস | কবি শেখর কালিদাস রায় |
| ৩। গড়াই নদীর তীরে | জসীম উদ্দীন |

গ্রামার : ভাষাকমল (অষ্টম ভাগ)

- | | |
|------------------------|---------------|
| ১। বিসর্গ সন্ধি | Page : 5 to 7 |
| ২। বাক্যের শ্রেণীবিভাগ | Page : 49-53 |
| ৩। বাচ্য | Page : 58-61 |
| ৪। পদ পরিবর্তন | Page : 71-73 |

রচনা, চিঠি, বোধ পরীক্ষণ।

Unit Test 01 : গদ্য - ফিরে দেখা নেতাজি (নারায়ন সান্যাল)

Class-VIII (Annual Exam - 2nd Term)

গদ্য :

- | | |
|-----------------------------------|--------------------------|
| ১। কী করে বুঝব | আশাপূর্ণা দেবী |
| ২। আদাব | সমরেশ বসু |
| ৩। শব্দের আশীর্বাদ, শব্দের অভিশাপ | ডা. আবিরলাল মুখোপাধ্যায় |

কবিতা :

- | | |
|--------------------|-------------------------|
| ১। বাংলার মুখ | জীবনানন্দ দাশ |
| ২। সবুজ জামা। | বীরেন্দ্র চট্টোপাধ্যায় |
| ৩। লোকটা জানলই না। | শামসুর রাহমান |

গ্রামার :

- | | |
|---------------------|----------------|
| ১। উপসর্গ | Page : 62-68 |
| ২। বিপরীতার্থক শব্দ | Page : 85-87 |
| ৩। সমার্থক শব্দ | Page : 95-97 |
| ৪। বাগ্‌ধারা | Page : 120-121 |

রচনা, চিঠি, বোধ পরীক্ষণ।

Unit Test 02 : গদ্য - কী করে বুঝব (আশাপূর্ণা দেবী)

SYLLABUS for 2025

Class : VIII

Subject: SANSKRIT

Half-Yearly Examination

- ★ Ch-1 सुगमम् संस्कृतम्। (Unit Test-I)
- ★ Ch-2 वृक्षाणाम् उपादेयता।
- ★ Ch-3 अहो कारुण्यम् सिंहहम्पन्योः
- ★ Ch-4 विद्या ददाति विनयम्।

★ Ch-1 (Unit Test-I)

- ★ शब्दकोष : (Page - 136)

(Grammar- Shabdroop, Dhaturup, Translation, Short essay will be given in the class)

- ★ संस्कृत व्याकरण - Ch-6 विभक्तियाँ

Final Examination

- ★ Ch - 5 भारतं मे गौरवम् (Unit Test-II)
- ★ Ch - 8 केरल-प्रदेशः
- ★ Ch - 9 विचित्रमिदम् जगत्
- ★ Ch - 10 लोभो मूलमापदाम्

★ Ch - 5 (Unit Test-II)

- ★ शब्दकोष : (Page- 137)

(Grammar- Shabdroop, Dhaturup, Translation, Short essay will be given in the class)

- ★ संस्कृत व्याकरण - Ch - 7 समास

HOLY CROSS SCHOOL, AGARTALA
CLASS - 8
HIGHER HINDI SYLLABUS 2025

Half Yearly

Ch: 1 चेतक की वीरता

Ch: 2 शल्य चिकित्सा के जनक 'सुश्रुत'

Ch: 7 उठो धरा के अमर सपूतों (Unit test -1)

Vyakaran

Ch: 1 भाषा, बोली, लिपि, व्याकरण तथा साहित्य

Ch: 2 वर्ण विचार

Ch: 3 शब्द विचार

Ch: 4 शब्द निर्माण उपसर्ग और प्रत्यय

* पत्र लेखन, निबंध लेखन, अपठित गद्यांश

Final Exam

Ch: 10 बीज, मिट्टी और खुली जलवायु

Ch: 13 शुभकामनाएँ नए साल की

Ch: 15 कर्मयोगी विनोबा (Unit test - II)

Ch: 16 धनाढ्य मनीराम

Vyakaran

Ch: 6 शब्द- भेद : अर्थ के आधार पर

Ch: 11 सर्वनाम

Ch: 12 विशेषण

Ch: 13 क्रिया

Ch: 14 काल

* पत्र लेखन, निबंध लेखन, अपठित गद्यांश

HOLY CROSS SCHOOL, AGARTALA
CLASS - 8
LOWER HINDI SYLLABUS 2025

Half Yearly

Ch: 2 तीन पुतले

Ch: 3 कदम्ब का पेड़

Ch: 4 गजराज और मूषकराज (Unit test-1)

Ch: 5 रंगा सियार

व्याकरण -

Ch: 7 संज्ञा के विकारी तत्व

Ch: 8 सर्वनाम

*Unseen passage and short essay will be given in the class

Annual Exam

Ch: 7 शोर मचाते बच्चे

Ch: 9 महात्मा बुद्ध और अंगुलिमाल

Ch: 10 यात्रा राजस्थान की (Unit test - II)

Ch: 11 अधिकार

व्याकरण-

Ch: 9 विशेषण

Ch: 14 उपसर्ग एवं प्रत्यय

* Unseen passage and short essay will be given in the class

HOLY CROSS SCHOOL, AGARTALA

SYLLABUS for 2025

Class : VIII

Subject : MATHEMATICS

Half Yearly	Final
Ch.1: Rational Numbers. Ch. 3: Squares and square roots, Cubes and Cube roots Ch. 6: Percentage. Ch. 9: Ratio and Proportion. Ch.12: Fundamental concept of Algebraic Expressions. Ch.13: Algebraic Identities Ch.17: Quadrilaterals Ch. 23: Area and Perimeter. (U.T-I) Ch. 25 Statistics Ch. 27: Probability	Ch. 2: Exponents and Powers Ch. 5: Sets Ch. 7: Profit and loss Ch. 8: Simple and Compound Interest Ch. 10: Direct and Inverse variation. Ch. 11. Time and work Ch. 14: Factorization. Ch.15: Linear Equations. Ch: 16: Linear Inequalities Ch. 19: Construction of Quadrilaterals. Ch. 22: Coordinate system and linear graphs Ch 24: volume and Surface Area. (U.T-II)

HOLY CROSS SCHOOL, AGARTALA

SYLLABUS for 2025

Class : VIII

Subject : Physics

Half Yearly

Theme : Matter		
Learning Outcome : Children will be able to – - Distinguish three state of matter in terms of movement of particles. - Describe the change of state using kinetic theory – boiling, melting, fusion, sublimation, Evaporation, freezing, deposition, condensation.		
Key Concepts	Name of the book : Concise Physics Selina. Lessons :	Life Skills
- Kinetic theory of matter. - Three states of matter in terms of movement of particles. - Energy content in the three states of matter. - Change of state in matter using kinetic theory. Boiling, Melting, evaporation, Fusion, Evaporation, Freezing sublimation.	Matter – Ch. 1	Cooperation and working together; problem solving.

Theme : Physical Quantities and Measurement		
Learning Outcome : Measure density of an irregular solids: - Measure density of a liquid. - Discuss the concept of flotation based on R.D. of solid and liquid. - Solve simple numerical problems based on formula of density.		
Key Concepts	Name of the book : Concise Physics Selina. Lessons :	Life Skills
- Measurement of density of irregular solids Using – Eureka can – measuring Cylinder. - Measurement of density of fluids: - Basic concepts - Concept of floatation and sinking of substance - Comparison of densities in the three states of matter.	Physical Quantities and Measurement Ch. 2 –	Cooperation and working together; problem solving.

Theme : Force Pressure		
Learning Outcome : Explain turning effect of a force. Define moment of force • Solve simple numerical problems based on moment of force. • Solve simple numerical problems based on formula for pressure. • Describe pressure exerted by a liquid, by a gas.		
Key Concepts	Name of the book : Concise Physics Selina. Lessons : • Force and Pressure Ch. 3 (U.T – I)	Life Skills
• Turning effect of force – concepts, definition, calculation. • Pressure : - definition, unit - calculation of pressure in simple cases. - Pressure exerted by liquid (qualitative only) - Pressure exerted by gases – Atmospheric pressure (Qualitative only)		• Cooperation and working together; problem solving.

Theme : Heat Transfer		
Learning Outcome : Compare and contrast boiling and evaporation. • Describe thermal expansion of matter. • Describe linear, area, and volume expansion. • Compare expansivity in solids, liquids and gases.		
Key Concepts	Name of the book : Concise Physics Selina. Lessons : • Heat Transfer Ch. 6	Life Skills
• Difference between boiling and evaporation. - Thermal expansion • Linear expansion • Superficial expansion • Volume expansion • Compare expansivity in solids, liquid and gases.		• Problem – solving critical thinking.

Theme : Energy		
Learning Outcome : Define work, kinetic energy, potential energy, gravitational potential energy. • Calculate work done in simple cases • Solve simple problems based on kinetic energy, gravitational potential energy • Distinguish between energy and power.		
Key Concepts	Name of the book : Concise Physics Selina. Lessons :	Life Skills
• Concept of work • Unit of work (Joule) • Kinetic energy - Basic concept • Potential energy - Basic concept - Gravitational • Potential energy • Calculation of kinetic and potential energies from a set of given data (simple problem and assuming = 10m/s^2)	• Energy Ch. 4 (U.T. 2)	• Cooperation and working together, problem – solving.

Theme : Light Energy		
Learning Outcome : • Define refraction • Define concave and a convex mirror. • Distinguish between real and virtual images. • Ray diagram to show formation of real image by a spherical mirror. • Dispersion of white light by a prism into constituent colours.		
Key Concepts	Name of the book : Concise Physics Selina. Lessons :	Life Skills
• Refraction - Definition • Curved mirrors - Convex - Concave - Reflecting surface - Rules for making ray diagrams of spherical mirrors - Real and virtual images	• Light Energy Ch. 5	• Cooperation and working together, problem – solving.

Theme : Sound		
Learning Outcome : • Relate pitch with frequency • Explain mono tone • Relate loudness and amplitude • State the unit of loudness in decibels		
Key Concepts	Name of the book : Concise Physics Selina. Lessons :	Life Skills
• Pitch and frequency • Pitch and frequency in relation to working of musical instruments (wind, membrane and string) • Monotone • Loudness and amplitude • Unit of loudness in decibels.	• Sound Ch. 7	• Cooperation and working together, problem – solving.

Theme : Electricity		
Learning Outcome : Describe household consumption of electricity • Identify live, neutral and earth wire in terms of their energy and path they travel. • Describe safety components (fuse, circuit breakers) • Describe a lighting conductor, conduction and induction of changes.		
Key Concepts	Name of the book : Concise Physics Selina. Lessons :	Life Skills
• Household consumption of electric energy (Kwh) • Safety components (fuses, circuit breakers) • Static Electricity - Conservation of changes - Conduction - Lighting conductor • Dangers of electricity.	• Electricity Ch. 8	• Problem solving, critical thinking.

=====

HOLY CROSS SCHOOL, AGARTALA
SYLLABUS for 2025

Class : VIII Subject : CHEMISTRY (Half-Yearly)

Theme 1 Matter is composed of atoms/ molecules and found as solids liquids and gases		
Learning Outcome : The children will be able to identify phrases:- - Describe the main postulates of kinetic theory of matter - Explain the reason of change of state of matter - Define & explain Law of Conservation of Mass		
Key Concepts	Name of the book : CONCISE CHEMISTRY MATTER Lessons :	Life Skills
- Main postulates of Kinetic Molecular theory of Matter. - Explanation of change of state, or the basis of inter-particle space & force of attraction. - Law of Conservation of Mass	Chap 1 – Matter (Half-Yearly)	- Understanding - Observation

Theme 3 An atom is the building block of all types of matter		
Learning Outcome : The children will be able to:- - Describe that an atom consists of electrons, protons & neutrons - Define atomic No. & Mass No. - Define valency, Radicals, variable valency, isotopes etc		
Key Concepts	Name of the book : Lessons : 4	Life Skills
- Fundamental sub atomic particles present in an atom:- electrons - Nucleus & extra nuclear part - Atomic No. & Mass No.	Atomic structure (Half-Yearly) (U.T-I)	- Critical thinking - Observation - Analysis

Theme 4 Element, compounds and mixture		
Learning Outcome : - Recall previous knowledge - Explain the principle involved in using a particular technique in separation of a mixture.		
Key Concepts	Name of the book : Lessons : 5	Life Skills
- Types of mixture - Modern technique chromatography	Language of chemistry	Identify the mixture and according to that use the technique.

Theme 6 Hydrogen is an important constituent of several compounds		
Learning Outcome : The children will be able to:- - Describe the preparation of hydrogen from electrolysis - Prepare hydrogen in Lab using zinc & acid - Describe properties of hydrogen. Understand concepts like oxidation		
Key Concepts	Name of the book : Lessons : 7	Life Skills
- Preparation of hydrogen - Preference of zinc as the metal used - Bosch's process - Properties & uses of hydrogen - Oxidation & reduction	Hydrogen (Half-Yearly)	- Understanding - Observation - Interpretation - Analysis

HOLY CROSS SCHOOL, AGARTALA
SYLLABUS for 2024

Class : VIII Subject : CHEMISTRY

Final

Theme 2 There are different types of changes in our surroundings which are slow/ fast/ reversible/ irreversible/ physical/ chemical		
Learning Outcome : The students will be able to- - Illustrate different changes occurring in nature - Perform certain activities to show some well known changes - Differentiate between physical & chemical change		
Key Concepts	Name of the book : Lessons :	Life Skills
- Various changes around us - Physical & Chemical changes with examples	Ch-2 Physical and Chemical Changes (Final) Ch-3 Elements Compounds and Mixtures (Final)	- Observing critically nature & its changes - Understanding

Theme 5 Chemical changes leads to chemical reactions. Elements & compounds are expressed with symbols, valency & formulae.		
Learning Outcome : - Recall the symbols of different elements. - Derive the formulae of compounds on the basic of valencies - Write & balance chemical equations of reaction.		
Key Concepts	Name of the book : Lessons : 6	Life Skills
- Symbols of elements - Formulae of compounds - Chemical equation (from word equation)	Chemical Reactions (Final)	- Critical thinking - Observation - Analysis

Theme 7 Water is one of the most important resources & is universal solvent		
Learning Outcome : - Describe that water dissolves many substances. - Identify a solution, suspension, colloid etc - Difference between different types of solutions, hard & soft water		
Key Concepts	Name of the book : Lessons : 8	Life Skills
- Dissolutions of salts in H₂O - Universal solvent - Suspensions, colloids - Water of crystallation - Hydrates, Unhydrate Sub, Hard water, soft water	Water (Final)	- Critical thinking - Observation - Understanding - Analysis - Inferences

Theme 8 Importance of carbon		
Learning Outcome : - Explain the term allotropy - Properties, structure of diamond & graphite - Various types of Amorphous Carbon - Preparation of CO₂ - Use of CO₂ & CO		
Key Concepts	Name of the book : Lessons : 9	Life Skills
- Allotropes of Carbon - Crystalline & Amorphous native - Lab. Preparation of CO₂ - Properties of CO₂ & CO	Carbon & its compounds (Final)	- Understanding the facts by Observation nature - Interpretation - Critical thinking

HOLY CROSS SCHOOL, AGARTALA

SYLLABUS for 2025

Class : VIII

Subject : Biology

Half Yearly

Theme : 1 . Transport in plants – It deals with the movement of water & mineral, exchange of gases, water & mineral. Functions of xylem & phloem.		
Learning Outcome : Children will be able to: • Learn about existence of transport system in plant body. • Define – diffusion, osmosis, transportation & root pressure. • Relate the deficiency or lack of essential nutrients in plants.		
Key Concepts	Name of the book : Lessons :	Life Skills
• Diffusion – Definition • Osmosis – Definition, example, semi – permeable membrane, root pressure, active transport. • Transportation – Definition, importance of factor affecting transpiration. • Structure & function of xylem & phloem. • Importance of minerals : Macro & micro	• Transport in plants (Half Yearly) (U.T – I)	• Transportation of water minerals by diffusion osmosis & active transport. • Essential mineral nutrients are also needed for healthy growth of plant.

Theme : Is the most important functions of living organism. Asexual & sexual reproduction.		
Learning Outcome : Children will learn about • Different methods of asexual & vegetative reproduction. • Methods of sexual reproduction. • Fertilization of egg cell by a sperm all to produce offspring.		
Key Concepts	Name of the book : Lessons :	Life Skills
• Types of asexual reproduction . Binary fission budding fragmentation, spore formation, artificial propagation. • Sexual reproduction in human. • Main organs of male & female reproductive system.	2 & 3 Reproduction in plants and animals (Half Yearly)	• Children will learn more about various methods of veg. / asexual reproductive. In plants & animals. A brief account of fertilization & post fertilization changes in flower main organ of reproductive. System.

Theme : A community in a given area, live in harmony with the environment. Close interaction between the living and non-living		
Learning Outcome : Children will learn about - Define – Ecosystem, producer – decomposer, food chain foodless - Biotic & Abiotic component and influence on biotic environment. - Flow chart of a food chain & food web.		
Key Concepts	Name of the book : Lessons :	Life Skills
- Understanding ecosystem: Definition, interaction between biotic & abiotic factor. - Component of biotic system. - Interdependence between – symbiosis, parasitism & predation. Forest ecosystem with its flora and fauna.	4. Ecosystem (Half Yearly)	Ecosystem exhibit two important functional attributes (a) A unidirectional flow of energy from sun to producer to consumer, decomposer. (b) cyclic flow of nutrients Concern for environment.

Final

Theme : Human Body – It focuses on the Endocrine, circulatory and Nerves system, It aims at coordination, hormones and blood, heart etc.		
Learning Outcome : Children will learn about 1) Define – Endocrine system, hormone, Endocrine & exocrine gland, diagram showing location, function, deficiency disease of hormone, Puberty, stress etc. 2) Blood types of circulation structure of heart, blood group, definition 3) Nervous control, structure of neuron, Types of nervous system, brain, reflex		
Key Concepts	Name of the book : Lessons :	Life Skills
- Two types of glands exocrine & endocrine - Hormone (definition) - Hormonal gland (Thyroid, adrenal, pancreas, pituitary) - Secretion & function of endocrine glands - Physical & emotional changes of body during adolescence. - Personal hygiene - Stress management	5. Endocrine system (Final)	Role of the hormone secreted by different glands and how they affect the body.

Theme :		
Learning Outcome : Children will learn 1) Definition – Heart, open circulation closed circulation, heart attack, cardiac arrest, palpitation. 2) Structure of heart, flow of blood through heart, blood group		
Key Concepts	Name of the book : Lessons :	Life Skills
- Internal structure of heart in detail - Diagram of heart - Blood vessel – Aorta, pulmonary trunk,	6. Circulatory System (Final) (U.T – II)	Heart is the chief pumping organ of the body. Blood pumping role in the body. Blood group is important for transfusion of blood.

Theme :		
Learning Outcome : Children will learn about 1) Nervous system, structure of neuron, types of neuron. 2) Structure and function of brain, function of spinal cord 3) Types of nervous system, reflex action & reflex arc.		
Key Concepts	Name of the book : Lessons :	Life Skills
- Types of nerves function & definition only. - Structure and function of neuron. - Peripheral, autonomous & central nervous system. - Reflex action – Definition & basic term - Stimulus, response, impulse, receptor.	7. Nervous system (Final)	Understanding the role of nervous system in coordination of different parts of body and responding to the various physiological activities

Theme : Food Production – Animal husbandry only		
Learning Outcome : Children will learn about - Animals husbandry - Breeds of cow, buffaloes, white revolution. - Exotic, indigenous & crossbreed.		
Key Concepts	Name of the book : Lessons :	Life Skills
Definition of animal husbandry breeds of cow, pisciculture, agriculture, mariculture, sericulture, apiculture, poultry	9. Food Production (Final Animal Husbandry) (Final)	Awareness about the caring, management feeding & breeding of animals.

Theme : Health & Hygiene – Enabling children to know more about communicable disease & understand mode of transmission, role of common system.		
Learning Outcome : Children will learn to • Identify communicable & non-communicable disease. • Concern about personal & public hygiene • Differentiate between vaccination & immunization. • Harmful effect of consumption of tobacco, alcohol.		
Key Concepts	Name of the book : Lessons :	Life Skills
• A brief idea of communicable disease, causative agent, prevention. • Meaning of vector • Method of preventing disease • Vaccination & immunization concept & difference. • Harmful effect of alcohol, tobacco, drug • First aid	8. Disease & First aid (Final)	Health awareness taking care of oneself and others.

=====

HOLY CROSS SCHOOL, AGARTALA

SYLLABUS for 2025

Class : VIII

Subject : HISTORY & CIVICS

Half Yearly	Final
<u>HISTORY</u> Ch-1 – A period of Transition (UT-I) Ch-2 – The Growth of Nationalism : The Age of Revolutions Ch-4 – India in the Eighteenth Century Ch-5 – Traders to Rulers <u>CIVICS</u> Ch-4 – The United Nations	<u>HISTORY</u> Ch-6 – The impact of British Rule on India (Unit Test-II) Ch-7 – The Great uprising of 1857 Ch-8 – The Reform movements Ch-9 – Struggle for Freedom (I) <u>CIVICS</u> Ch-1 – The Union Legislative Ch-2 – The Union Executive

HOLY CROSS SCHOOL, AGARTALA
SYLLABUS for 2025

Class : VIII Subject : GEOGRAPHY (HALF YEARLY)

Theme : REPRESENTATION OF GEOGRAPHICAL FEATURES (UT-I)		
Learning Outcome : Refer to Text Book		
Key Concepts	Name of the book : Lessons : 1	Life Skills
• Interpret contours on the street • Identify landforms through contours • Types of slopes • Hills plateaus, Ridges • Settlement patterns temporary and permanent, nucleated, dispersed and linear	• Contours lines and their uses • Identifies of landforms through contours • Different patterns of settlement • Interpretation and analysis of topographical sheets	• Practice through different topographical Symbols • Using map topographical

Theme : POPULATION DYNAMICS		
Learning Outcome : Refer to Text Book		
Key Concepts	Name of the book : Lessons :	Life Skills
• Distribution of population in the world • Over population and under population • Impact of over population and under population on the society • Factors affecting the population of a place, birth and death rate, immigration. • Composition of population	• Distribution of population in the world • Over population and under population – meaning and impact • Factors affecting the population of a region • Growth of population • Composition of population	• Co-operative

Class : VIII Subject : GEOGRAPHY (HALF YEARLY)

Theme : 3) MIGRATION		
Learning Outcome : Refer to Text Book		
Key Concepts	Name of the book : Lessons : 3	Life Skills
• Migration: Introduction • Types of migration • Impact of migration on socio-economic structure of the society (example from India and world) • Brain drain-intro, causes, positive and negative impacts of brain-drain	• Migration - meaning and various types • Causes and effect of migration • Brain-drain – meaning and causes • Positive and negative effects of brain-drain	

Theme : 6) ASIA: THE LARGEST CONTINENT		
Learning Outcome : Refer to Text Book		
Key Concepts	Name of the book : Lessons :	Life Skills
- Location and Extent - East Asia, North Asia, Central Asia, Western Asia - Physiography - Climates - Natural Vegetation and Wildlife	- Size, location and extent - Political division of Asia - The physiography of Asia - Climatic types, natural vegetation and wildlife of Asia - MAP (location of given places)	Environment Conservation

HOLY CROSS SCHOOL, AGARTALA
SYLLABUS for 2025

Class : VIII Subject : GEOGRAPHY (FINAL)

Theme : 7) INDIA: GEOGRAPHICAL FEATURES		
Learning Outcome : Refers to the text book		
Key Concepts	Name of the book : Lessons :	Life Skills
- India – Its location and extent - Political divisions of India - Physiographic Divisions of India - Conservation of Forest	- The location, extent of India - The neighbouring countries of India - The political division of India - The physiographic division of India - MAP - India	Environmental conservation

Theme : INDIA: CLIMATE, Flora, And Fauna		
Learning Outcome : Refer to Text Book		
Key Concepts	Name of the book : Lessons : 9	Life Skills
- Climate and Natural Vegetation - Factors effecting climate, Monsoon - Types of Natural Vegetation	- The climate contrast found in India - The factors effect the climate - The main seasons - Distribution of rainfall and importance of monsoon - Major natural vegetation - Conservation of forest - National parks sacturies and biosphere reserves	Environment Conservation

HOLY CROSS SCHOOL, AGARTALA
SYLLABUS for 2025

Class : VIII Subject : GEOGRAPHY

Theme : 4) URBANISATION (Unit Test-II)		
Learning Outcome : Refers to the text book		
Key Concepts	Name of the book : Lessons : 4	Life Skills
- Urbanisation – meaning and causes - Positive and negative impacts of urbanization - Satellite cities - Concept of smart cities (examples from the world)	- Urbanisation and its meaning - Causes of urbanization - Positive and negative effects of urbanization - Satellite cities - Concept of smart cities	Co-operation

Theme : 5) NATURAL AND MAN-MADE DISASTER		
Learning Outcome : Refers to the text book		
Key Concepts	Name of the book : Lessons : 5	Life Skills
- Natural and human-made disaster - Disaster management and its importance - Role of government in disaster and its management	- Disaster and its types - Ways which help in minimizing the risks of human-made and natural disaster - The importance of disaster management - The role of government	Environment Conservation

Theme : 8) HUMAN RESOURCES		
Learning Outcome : Refers to the text book		
Key Concepts	Name of the book : Lessons :	Life Skills
- Human resources - Distribution of population in India - Role of health and education in developing human resources - Skilled and unskilled human resource - Impact	- Meaning and importance of human resource - Distribution of population in India - Role of health and education in developing human resources	Understanding the potential of human as resources

HOLY CROSS SCHOOL, AGARTALA
SYLLABUS for 2025

Class : VIII Subject : GEOGRAPHY

MAP OF INDIA (Final)
KARAKORAM RANGE, ZASKAR RANGE, SULAIMAN, SHIWALIK RANGE, ARAVALI, CHOTANAGAR PLATEAU, DECCAN PLATEAU, NILGIRI, CARDAMAN HILLS, GULF OF CAMBAY, GULF OF KUTCH, GULF OF MANNAR, R. CHAMBAL, R. GANGA, R. KOSI, R. SON, R. MAHANADI, R. BRAMHAPUTRA, R. KRISHNA, R. TAPTI, VINDHAYAN RANGE, THAR DESERT, NORHTERN CIRCARS, COROMONDAL COAST, KONKAN COAST, MALABAR COAST, WESTERN GHAT, EASTERN GHAT, INDIAN OCEAN, TSANGPO, NARMADA, YAMUNA, BAY OF BENGAL, ARABIAN SEA, SUNDARBAN, ANDAMAN SEA, LAKSHADWEEP SEA, AJANTA RANGE, R. SATLUJ, R. JHELMUM, R. KAVERI, PALK STR, BAGHELKHAND, BUNDEL KHAND, KAIMUR RANGE, MAHADEO HILL, R. GODAVARI, HOOGLI, HIMALAYAN RANGE
MAP OF ASIA (Half-Yearly)
R. Ganga, R. Yamuna, Bay of Bengal, Arabian sea, R. Indus, R. Si kiang, R. Huwang Ho, R. Yenisey, R. Ob, R. Volga, R. Ural, R. Tsangpo, R. Salween, R. Irrawaddy, Aral sea, Caucasus, Zagros Mts, Elbruz Mts, Tien shan, Altai, Himalaya Kunlun, Yablonovi Range, Mt. Fuji, Karakoram Range, Mt K2, Ural Mountain, Shikhote, Sayan Mts, Hindukush, Caspian Sea, Persian Gulf, Gulf of Oman, Gulf of Mannar, Str. Of Malacca, South China Sea, Gulf of Tonkin, Bering strait, Plateau of Iran, Central Siberian plateau, Gulf of Pohai, Pamir knot, Palk str., Gulf of Aden, Java sea, Korea Str., Mongolian plateau, Manchurian plain, Gobi Desert, L. Baikal

Holy Cross School Agartala

Syllabus: Computer Science and Artificial Intelligence-2025

Class -VIII

Chapter Number	Chapters Name	Half yearly-2025	Exams
Chapter-9	Introduction to JAVA	Java Programs: 1. Simple Basic programs. 2. Geometric figure to calculate area and perimeter. 3. Single For Loop Programs. 4. Series Program using single for loop 5. Numerical Program 6. Mathematical Logic Based Program 7. Outputs using single for loop related to JAVA	Unit test-I Life Skill: ❖ Understanding ❖ Problem solving ❖ Critical thinking
Chapter-8	Artificial Intelligence	Learning Outcome: ❖ Turing test ❖ What is Intelligence ❖ AI, ML and DL ❖ Neural Network ❖ Robots ❖ Application of AI in different field ❖ Benefits and risks of AI	Life Skill: ❖ Understanding ❖ Problem solving ❖ Critical thinking
Chapter-7	Advanced Python	Learning Outcome: ❖ Python Data Type ❖ Operators in Python Python Programs: (At Artificial Intelligence Section) 1. Simple String Programs.	Life Skill: ❖ Understanding ❖ Problem solving ❖ Critical thinking
		Annual Exam-2025	Exams
Chapter-10	Cloud Computing	Learning outcomes: ❖ Why we use cloud Computing ❖ Advantages of cloud computing ❖ What is webpage ❖ Steps to upload files on drives	Unit-II
Chapter-3	Introduction to Database and DBMS	Learning outcomes: ❖ Database management System ❖ Application of DBMS ❖ What is MS ACCESS ❖ Creating blank database ❖ Tables -Building Blocks of a database ❖ Advantages and dis-advantages of MS ACCESS	Life Skill: ❖ Understanding ❖ Problem solving ❖ Critical thinking
Chapter-9	Introduction to JAVA	Java Programs: 1. Simple Basic programs.	Life Skill: ❖ Understanding

	Repeated Chapter	- Geometric figure to calculate area and perimeter. - Single For Loop & While Loop Programs. - Series Program using single for loop. - Numerical Program - Mathematical Logic Based Program - Digit Based Programs While loop. - Outputs using single for loop and single while loop related to JAVA	❖ Problem solving ❖ Critical thinking
Chapter-8	Artificial Intelligence Repeated Chapter	Learning Outcome: ❖ Turing test ❖ What is Intelligence ❖ AI, ML and DL ❖ Neural Network ❖ Robots ❖ Application of AI in different field Benefits and risks of AI	Life Skill: ❖ Understanding ❖ Problem solving ❖ Critical thinking ❖ Logical thinking ❖ Application
Chapter-7	Advanced Python Repeated Chapter	Learning Outcome: ❖ Python Data Type ❖ Operators in Python Python Programs: (At Artificial Intelligence Section) Simple String Programs.	Life Skill: ❖ Understanding ❖ Problem solving ❖ Critical thinking ❖ Logical thinking ❖ Application
Chapter-1	Computer Networking	Learning Outcome: ❖ What do computer networks do ❖ Components of a computer network ❖ Advantages of computer network ❖ Types of networks ❖ Wireless Networks ❖ Devices required for a network	Life Skill: ❖ Understanding ❖ Problem solving ❖ Critical thinking ❖ Logical thinking ❖ Application

2025

Chapters:

Computer Application: (Half Yearly)	Computer Application (Annual Exam)
Introduction to JAVA (Chapter -9) Java Programs and outputs	- Computer Networking (Chapter-1) - Introduction to Database and DBMS (Chapter3) - Cloud Computing (Chapter10) - Introduction to JAVA (Chapter-9) Java Programs and Outputs
Artificial Intelligence (Half Yearly)	Artificial Intelligence (Annual Exam)
- Advanced Python (Chapter-7) Python Programs - Artificial Intelligence (Chapter-8)	- Advanced Python (Chapter-7) Python Programs - Artificial Intelligence (Chapter-8)

HOLY CROSS SCHOOL, AGARTALA
SYLLABUS for 2025

Class : VIII

Subject : Moral Science

Half Yearly	Final
1A, B - Hard work is best (Diligence)	5A, 5B – Help Others (Helpfulness)
2A, 2A – Smile your way through (Cheerfulness)	6A, B – Keeping the Flag Flying (Patriotism)
3A, A – No one is useless (Self-esteem)	7A, B – The Power of Faith (Deyotion)
9A, 9B – Love Your Studies (Quest for Knowledge)	8 – Celebrating Nature (Respect for environment)

HOLY CROSS SCHOOL, AGARTALA
SYLLABUS for 2025

Class : VIII

Subject : SUPW & Drawing

Half Yearly	Final
A) Book of Art way Page No. 9 to 25 C/W, 26 to 43 H/W	A) Book of Art way Page No. 44 to 60 C/W, 61 to 87 H/W
B) Project work – Making a wall hanging	B) Project work – Making a Table mat

=====