



**Syllabus**

**Class – XI**

# GLENHILL SCHOOL, VARANASI

## Book List - 2024-25 Class – XI

<b>Book</b>	<b>Publisher</b>
<b>English</b>	
Hornbill	NCERT
Snapshots	NCERT
English Practice Paper-XI	Evergreen
<b>Hindi</b>	
Aaroh-1	NCERT
Vitaan-1	NCERT
Abhivyakti aur Madhyam	NCERT
<b>Math</b>	
A Text Book of Mathematics-XI	NCERT
R. S. Aggrawal	
<b>Physics</b>	
A Text Book of Physics - I & II	NCERT
Lab Manual Physics	Evergreen
<b>Chemistry</b>	
A Text Book of Chemistry- I & II	NCERT
Lab Manual Chemistry-XI	Evergreen
<b>Biology</b>	
A Text Book of Biology- I & II	NCERT
Lab Manual Biology	Evergreen
<b>Accountancy</b>	
Accountancy- I & II	NCERT
Accounting (S C Sharma)	Arya
<b>B.Studies</b>	
Business Studies-XI	NCERT
Business Studies-XI (Poonam Gandhi)	Indian Pub.
<b>Economics</b>	
Microeconomics	NCERT
Statistics for Economics-XI	NCERT
Economics-XI	Indian Pub.
<b>Computer</b>	
Computer Pythan for XI	Dhanpat Rai
Information of Practice Pythan-XI	Dhanpat Rai
<b>Physical Edu.</b>	
Soni Physical Education & Health-XI	Soni
Health and Physical Education Practical Record-XI	Sarswati
<b>Stationary</b>	
Long Register (148 Pages)	11
Single Ruled Interleaf- Phy/Chem/Bio/Comp.	4
Gel Pen Blue & Black	1 Each

# GLENHILL SCHOOL, VARANASI

## Syllabi of Class XI (2024 – 25)

**English : Book : 1. Hornbill**

**2. Snapshots, 3. Practice Work Book**

**Periodic Test II: 1. Reading & Comprehension - Unseen passage**

: **2. Writing Skill** - Classified Advertisement

: **3. Grammar** - Tense

: **4. Literature** - (i) Portrait of A Lady (ii) A Photograph

(iii) Summer of the Beautiful White Horse

**Half Yearly Exam. : 1. Reading & Comprehension -**

: (i) 2 - Unseen Passages for Comprehension

: (ii) 1 - Unseen Passage for Note - Making

: **2. Writing Skill** - (I) Poster Making

(ii) Speech - Writing and PT-2 syllabus

: **3. Grammar** – Tense, Reordering & Voice

: **4. Literature** - (I) We are not Afraid to Die

(ii) Discovering Tut (iii) Laburnum Top

(iv) The Address and PT -2 Syllabus

**Periodic Test II I : 1. Reading & Comprehension**

: 1 - Unseen Passage

: **2. Writing Skill** - Debate

: **3. Grammar** - Clause

: **4. Literature** - (I) Voice of the Rain

(ii) Adventure (iii) Mother's Day

**Annual Exam. : 1. Reading & Comprehension -**

(i) 2 - Unseen Passages for Comprehension

(ii) 1 - Unseen Passage for note - Making

: **2. Writing Skill** - Whole syllabus

: **3. Grammar** - (I) Transformation (ii) Tense

(iii) Clause (iv) Re-ordering of sentences

: **4. Literature** - Whole syllabus including the following –

(I) Child hood (ii) Silk Road

(iii) Father to Son (iv) Birth

(v) Tale of Melon City

**हिन्दी** : निर्धारित पुस्तकें -

1. आरोह भाग - 1

2. वितान भाग - 1

3. अभिव्यक्ति और माध्यम

आवधिक परीक्षा प्रथम : आरोह भाग - 1

पद्य : हम तौ एक एक करि जाना - कबीर

: मेरे तो गिरधर गोपाल दूसरो न कोई मीराबाई

गद्य : नमक का दरोगा - मुंशी प्रेमचन्द

: मियाँ नसीरुद्दीन - कृष्णा सोबती

वितान भाग - 1 : भारतीय गायिकाओं में बेजोड़ लतामंगेशकर - कुमार गंधर्व

अभिव्यक्ति और माध्यम : संचार के तत्व, प्रकार विशेषताएँ व कार्य

: अपठित, औपचारिक पत्र लेखन

अर्द्धवार्षिक परीक्षा : आरोह भाग - 1

: अपू के साथ ढाई साल - सत्यजीत राय

वितान भाग - 1 : राजस्थान की रजत बूँदे - अनुपम मिश्र

अभिव्यक्ति और माध्यम : भारत में जनसंचार माध्यमों का विकास, जनसंचार माध्यमों का प्रभाव

गद्य : गलता लोहा - शेखर जोशी

: विदाई सभाषण - बालमुकुन्द गुप्त

अभिव्यक्ति और माध्यम : डायरी लेखन

स्ववृत्त लेखन तथा रोजगार संबंधी आवेदन पत्र

आवधिक परीक्षा द्वितीय : आरोह भाग - 1

पद्य : घर की याद - भवानी प्रसाद मिश्र

: चम्पा काले-काले अक्षर नहीं चीन्हती - त्रिलोचन

गद्य : जामुन का पेड़ - कृश्नचंदर

: रजनी - मन्नू भंडारी

वितान भाग - 1 : ऑलो ऑंधारि - बेबी हालदार

अभिव्यक्ति और माध्यम : पत्रकारिता के विविध आयाम, कथा, पटकथा

आवधिक परीक्षा चतुर्थ : आरोह भाग - 1

पद्य : साये में धूप - दुष्यंत कुमार

: हे भूख ! मत मचल - अक्क महादेवी

गद्य : भारत माता - जवाहर लाल नेहरु

अभिव्यक्ति और माध्यम : शब्द कोष पत्रकारिता के अन्य आयाम

पत्रकारिता के प्रमुख प्रकार

समाचार माध्यमों में मौजूदा रुझान

वार्षिक परीक्षा : आरोह भाग - 1

- पद्य : हे मेरे जूही के फूल जैसे ईश्वर- अक्क-महादेवी  
: आओ मिलकर बचाएँ - निर्मला पुतुल  
: सबसे खतरनाक - अवतार सिंह पाश पुनरावृत्ति सम्पूर्ण पाठ्यक्रम

### **Mathematics : Book – NCERT & R.S. Aggrawal**

- Periodic Test I : Ch-1 Sets  
: Ch-2 Relation & Functions  
: Ch-3 Trigonometric functions  
Half Yearly Exam : Ch - 1 sets  
Ch - 2 Relation & Functions  
Ch - 3 Trigonometric functions  
Ch - 4 Complex Number  
Ch - 5 Linear Inequalities  
Ch - 6 Permutations and combinations  
Periodic Test II : Ch - 1 Binomial Theorem  
Ch - 2 Sequence and series  
Annual Exam. : Ch- 1 Trigonometry  
: Ch- 2 Linear Inequalities  
: Ch - 3 Binomial Theorem  
: Ch - 4 Sequence and and series  
: Ch- 5 Straight lines  
: Ch- 6 Conic Sections  
: Ch- 7 Three Dimensional  
: Ch- 8 Limits & Derivative  
: Ch- 9 Statistics  
: Ch - 10 Probability

### **Physics Book - NCERT (Vol - I & II)**

- Periodic Test I : Ch - 1 Units and Measurements  
: Ch - 2 Motion in a straight line  
Ch - 3 Motion in a plane  
Half yearly Exam : PT I- I & PT - II  
: Ch - 4 Law's of Motion  
: Ch- 5 Work, Energy and power  
Practical : 1(A), 2(A), 3(A) 4(A)  
Periodic Test II : Ch- 6 System of particles and rotational motion.

- : Ch- 7 Gravitation  
: Ch- 8 Mechanical properties of solids  
Annual Exam : PT - I, PT - II, Half Yearly and PT III (40%) + PT - IV  
: Ch- 9 Mechanical properties of fluids  
: Ch-10 Thermal properties of matter  
: Ch- 11 Thermodynamics  
: Ch-12 Kinetic theory of gases  
: Ch- 13 Oscillations  
: Ch- 14 Waves  
Practical : 1 (B), 2(B), 3 (B), and 4(B)  
Investigatory Projects : Projects

### **Chemistry : Book (NCERT)**

- Periodic Test I : Ch-1 Some basic concept of chemistry  
: Ch-2 Structure of Atom  
: Ch-3 Classification of Element and  
Periodicity in Properties + P.T. - I  
Half Yearly Exam. : Ch- 4 Chemical Bonding + P.T. - I & P.T. - II  
Periodic Test II : Ch- 5 Thermodynamic  
: Ch- 6 Equilibrium  
: Ch- 7 Redox  
Annual Exam. : Ch- 8 Organic Chemistry : Some basic principles and technique,  
P.T.-I to IV(40%)  
: Ch- 9 Hydrocarbon

### **Biology : : Book - NCERT**

- Periodic Test I : 1. The Living world  
: 2. Biological Classification  
Practical : 1. Study and describe locally available common flowering plants  
2. Study of osmosis by osmometer  
: 3. Plant Kingdom  
Practical : 3. Preparation and study of T.S of dicot and monocot root and stem.  
4. Study of plasmolysis  
Half Yearly Exam. : 4. Animal Kingdom  
: 5. Morphology of flowering plants  
: 6. Anatomy of flowering plants  
: 7. Structural organization in animals.

Practical : 5. Study of distribution of stomata on the surface of leaves.  
6. Comparative study of the rate of transpiration  
Periodic Test II : 7. Cell -The Unit of Life  
: 8. Biomolecules  
Practical : 7. Study and observe the given spotting  
8. Test for the presence of sugar, starch, protein, fat in suitable animals and plants materials  
Annual Exam : 9. Cell cycle and cell division  
Practical : 9. Test for presence of urine, sugar  
: 10. Plant physiology - Photosynthesis, Respiration, Growth & Development  
: 11. Human Physiology -  
Breathing and Exchange of Gases.  
Body fluid and circulation.  
Excretory product and their Elimination.  
Locomotion and movement, Neural Control and Coordination.  
Chemical Co-ordination and integration  
Practical : 10. Study and observe the given spotting  
11. The study the test for presence of albumin & bile salty in urine

#### **Commerce : Accounting**

P. T. - I : Unit - 1 ( Ch. 1 & 2 ), 3 & : Unit 2 ( Ch. 4 to 7 )  
Half Yearly : Unit - 1  
: Unit - 2 (Ch. - 1 to Ch. - 13 )  
P. T. - II : Unit - 2 ( Ch. 14 & 15 ) & 16  
Annual Exam : Unit - 1 to Unit 3

#### **Business Studies :**

P. T. - I : Unit 1 & Unit – 2  
Half Yearly : Unit - 1 to Unit - 4  
P. T. - II : Unit - 5 , Unit – 6 , Unit – 7 & Unit - 8  
Annual Exam : Unit - 1 to Unit 10

#### **Informatics Practices**

Periodic Test I : 1. Introduction to Computer  
2. Computer Memory  
3. Software  
1. Basic of python, 2. Python interpreter  
3. Control statement, 4. If else

Half Yearly Exam. : PT - I +  
1. List, 2. Function of list, 3. Dictionary  
Periodic Test II : 1. Relational data model  
2. SQL  
: 1. Data definition, 2. Data manipulation  
: 3. DDL command

Annual Exam. :  
1. A I, 2. Machine Learning and PT – I , Half Yearly & P T II  
3. SAAS, I AAS

#### **Computer Science :**

Periodic Test I : 1. Basic computer organisation  
2. Types of software, 3. Operating system  
4. Number system, 5. Encoding schemes  
Half Yearly Exam. + P T – I +  
1. Introduction to problem solving  
2. Basic of python programming  
3. Knowledge of data types  
4. Operator in Python & P T I Syllabus  
P T – II  
1. All type of error, 2. Flow of control  
2. Loop & conditional statement  
4. Strings  
Annual Exam. + P T – I & II Syllabus +  
: 1. List, 2. Tuple, 3. Dictionary  
4. Python module  
1. Digital foot Print, 2. Data Protection  
3. Cyber Crime & Whole Syllabus  
1. I T act, 2. Safely accessing website  
3. Technology & Society

#### **I.T. :**

Half Yearly  
Employability Skills  
Unit - 1 : Communication Skills - III  
Unit - 2 : Self - Management Skills – III

Unit - 3 : ICT Skills - III  
Subject Specific Skills  
Unit - 1 : Computer Organization  
Unit - 2 : Networking and Internet  
Unit - 3 : Office Automation Tools  
Annual Examination  
Employability Skills  
Unit - 1 : Entrepreneurial Skills - III  
Unit - 5 : Green Skills - III  
Subject specific Skills  
Unit - 4 : RDBMS  
Unit - 5 : Fundamentals of Java

**Physical Education : Text Book : Physical Education**

Evergreen Publication. (Candid)  
Periodic Test I : Ch- 1 Changing Trends and Career in Physical Education  
: Ch- 2 Olympic Value Education ( Olympism )  
: Ch- 3 Yoga ,  
: Ch- 4 Physical Education and Sports for CWSN  
Half Yearly Exam : Ch- 1 to Ch- 5 (Physical Fitness, Wellness ) & P T – I Syllabus  
Periodic Test II : Ch- 6 Test, Measurement & Evaluation  
: Ch- 7 Fundamental of Anatomy Physiology in sports  
: Ch- 8 Fundamental of Kinesiology and Biomechanics in sports  
Annual Exam. :  
: Ch- 9 Psychology and sports  
: Ch-10 Training & doping in sports & Whole Syllabus

**Economics : Book 1 - Statistics**

Periodic Test I : Unit - 1. Introduction  
: Unit - 2. Collection of Data  
: Unit - 3. Arithmetic mean  
: Book 2 - Micro Economics  
: Unit - 4 Introduction  
: Unit - 5 Consumer Equilibrium  
Half Yearly Exam : Book 1 - Statistics  
: Unit - 1. Introduction  
: Unit-2 Collection of data & Organisation of data  
: Unit - 3 Mean, Median & Mode

: Book 2 - Micro Economics  
: Unit - 4 Introduction  
: Unit - 5 Consumer equilibrium & Theory of Demand  
Periodic Test II : Book 1 - Statistics  
: Unit -3 Correlation  
: Book 2 - Micro Economics  
: Unit - 6 Production, Cost  
: Book 1 - Statistics  
: Correlation, Index Number  
: Book 2 - Micro Economics  
: Revenue, Supply

Annual Exam. : Book 1 - Statistics (Complete)  
: Book 2 - Micro Economics (Complete)

**Marketing**

Half Yearly : Unit - 1 & Unit - 2  
Annual Exam : Unit - 1 to Unit – 5

**Yoga Half Yearly**

Part – A  
i) Communication Skills – III Self –  
ii) Management Skills – III  
iii) ICT Skills – III  
Part – B1- i) Introduction to Yoga and Yogic Practices – I  
ii) Introduction to Yoga Texts ( Patanjali Yoga Sutra / Hata Pradipika )  
iii) Yoga for health Promotion ( Brief introduction to human body / Role of Yoga for Health promotion)  
Part – C ( Practical )  
1- Practice of Suksh mavya Yama  
2- Practice of Surya Namaskar  
3- Practice of Asana, Meditation & Bandha Halasana, Paschimottanasana, Pawanmuktasana, Bhujangasana, Gomukhasana, Mandukasana, Sanskarasana, Tadasana, Vrikshasana, Nadishudhi Pranayam, Padhastasan, Aradacharkrasana, Sithali Pranayam, Bhrumari Pranayam, Dhyannudra  
4- Practice of body through Yoga  
5- Conducting Yoga on common diseases.

Annual

Part – A

1- Entrepreneurial Skill - III

2- Green Skills – III

Part – B

1- Introduction of Yoga and Yogic Practice

2- Introduction to Yoga Texts ( Bhagavad Gita & Gheranda Samhita)

3- Yoga for Health Promotion ( Holistic approach of Yoga the health & diseases, importance in Yoga Sadhana, Dincharya and Ritucharya with respect of Yogic life style )

Part – C ( Practical )

1- Practice of Sukshmayayama

2- Practice of Surya Namaskar

3- Practice of Asanas

(Shabibhasana, Vakrasana, Ustrasana, Janusirasana, Ujjayai Pranayam

Dhyan Mudra Meditation

4- Yoga for weight loss

Annual Examination

Employability Skills : Unit - 4 & Unit - 5

Specific Skills : Unit - 4 & Unit - 5

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