

**Dr. Virendra Swarup Education Centre (Sr. Wing), Shyam Nagar, Kanpur**  
**Syllabus for Final Term Examination (2022-2023)**  
**Class –8**

**English Literature: Reader**

Ch.7- A Mid Summer Night' s Dream

Ch.8 – My Advent on Mars

**Poem** : The Fog

From MCB Unit 5 Ch.10- The Invisible Man

**Poem** – All the World's a Stage

**Novel** – Ch. 12 to 17

**English Language**

**Section A-** Comprehension (Prose and Poem)

**Section B** – Notice Writing, Letter Writing (formal), Diary Entry, Speech Writing, Factual Description (all)  
E-mail Writing (formal)

**Section – C** -Grammar (All topics done in class)

**Science: Physics**

Ch.15- Chemical Effects of Electric Current

Ch.16- Reflection of Light

Ch.17- Refraction of Light

Ch.18- The Universe

**Chemistry**

Ch.5- Coal and Petroleum

Ch.6- Combustion and Flame

Additional topic – Carbon and its Compounds

**Biology-**

Ch.8- CELL – Structure & Functions

Ch.9- Reproduction

Ch.10- Reaching the age of Adolescence

Additional Topic : Tissue

**Social Science**

**History / Civics – History**

Ch.8- Women and Reform

Ch.10- Colonialism and Urban Change

Ch.12- The Nationalist Movement

Ch.13- India after Independence

**Civics**

Ch.30- Role of the Police and the Courts

Ch.33- Economic Presence of the Government

**Geography**

Ch.18- Agriculture

Ch.19- Industries

Ch.20- India and the World

Ch.21- Human Resources

**Computer Science**

Ch: Functions in MS Excel  
Ch: Number System  
Ch: Computer Networking (Cloud Computing)  
Ch: Boolean Algebra  
Ch: HTML  
Ch: Introduction to Python

### **Artificial Intelligence**

Ch.1- Excite  
Ch.2- Relate  
Ch.3- Purpose  
Ch.4- Possibilities  
Ch.5- AI Ethics

### **Mathematics**

Ch.1- Number Systems  
Ch.4- Squares and square roots  
Ch.5- Powers and Roots  
Ch.6 -Ratio and Proportion  
Ch.7-Time and Work  
Ch.8-Speed, Distance and Time  
Ch.9-Percentage  
Ch.10-Profit and Loss  
Ch.13-Basic Concepts and Operation on Algebraic Expressions  
Ch.15-Factorisation  
Ch.18- Exponents  
Ch.19-Linear Equations  
Ch.21-Co-ordinate System and Graphs  
Ch.22-Quadratic Equations  
Ch.23-Geometrical Concepts: Lines and Angles  
Ch.24- Triangles  
Ch.25- Polygons and Quadrilaterals  
Ch.27- Constructions  
Ch.28-Circle  
Ch.30- Perimeter and Area  
Ch.31-Surface Area and Volume  
Ch.32-Statistics

### **General Knowledge**

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Current Affairs (January / February)

### **हिंदी**

#### **हिन्दी साहित्य**

पुस्तक सुनहरी धूप से--- बिंदा, आत्मविश्वास और प्रेरणा के आधार स्रोत डॉ.ए.पी.जे.अब्दुल कलाम, अजंता की चित्रकला,सामर्थ्यवान इकबाल, सत्कर्तव्य,  
पुस्तक रंगमंच की कहानियां से-- अलबम, भिखारिन

**हिंदी भाषा**----- पाठ्यपुस्तक तथा उत्तर पुस्तिका में कराया गया समस्त कार्य

### **Sanskrit**