

**GURUKUL MONTESSORI SCHOOL**  
**HALF YEARLY EXAM (2021-22)**  
**SYLLABUS**  
**CLASS 12**

**PHYSICS:-----**

- |                              |                                |
|------------------------------|--------------------------------|
| 1. Electric charge and field | 4. Moving charge and magnetism |
| 2. Potential and capacitance | 5. Magnetism and matter        |
| 3. Electricity               |                                |

**CHEMISTRY:-----**

- |                |                               |
|----------------|-------------------------------|
| 1. Solid state | 3. P block                    |
| 2. Solution    | 4. Haloalkanes and haloarenes |

**MATHEMATICS:-----**

- |                                   |           |
|-----------------------------------|-----------|
| 1. Relation and function          | 3. Matrix |
| 2. Inverse trigonometric function |           |

**ENGLISH CORE:-----**

Unseen passage: multiple choice questions

Flamingo: Fiction/Story

- (1) The Last Lesson
- (2) Lost Spring
- (3) Deep water

Poetry:

- (1) My mother at Sixty six
- (2) An elementary School Classroom in a slum
- (3) Keeping quiet

Vistas: Fiction/Story;

- (1) The Third Level
- (2) The enemy

Writing Skills:

- (1) Notice
- (2) advertisement
- (3) Letter
- (4) Article

**ACCOUNTANCY:-----**

- |                             |                           |
|-----------------------------|---------------------------|
| 1) Partnership Fundamentals | 3) Admission of a partner |
| 2) Change in PSR            | 4) Accounting for Shares  |

**HINDI:-----**

Aaroh: Gadya

1. Ek Geet - Harivansh Rai Bachchan
2. Kavita ke Bahane
3. Camare mein band Apahij
4. Saharsh Sweekara hai

Gadya:

1. Bhaktin
2. Bajar Darshan

3. Kale Megha Pani de

Vitan:

1. Silver wedding
2. Joojh

\* Unseen passages

\* Letter writing

\* Paragraph writing

\* Vibhinn madhyamon k liye lekhan

### **ECONOMICS:-----**

1. Some basic concept of macroeconomic
2. Money
3. Banking

4. Government budget and the economy
5. Foreign exchange rate
6. Balance of payment

### **Indian economy**

1. Indian economy on the eve of independence
2. Five year plan in the India
3. Feature problem and policies of agriculture
4. Strategy of industrial growth

5. Indian foreign trade
6. Economic reforms since 1991
7. Poverty

### **BUSINESS STUDIES:-----**

nature and significance of management Ch2 Principles of management ch3 Business environment ch4 planning ch 5 Organising ch6 Marketing management

### **COMPUTER SCIENCE:-----**

1. Python revision tour 1 & 2
2. Working with functions.

3. File handling

### **BIOLOGY:-----**

chapter 2 :- reproduction in flowering plants

Chapter 5:-Topic:- Mendelian & chromosomal disorders

Chapter 3:- Human Reproduction.

### **GEOGRAPHY:-----**

Book- Fundamentals of Human Geography

1. Human Geography: Nature and Scope
2. The World Population: Distribution, Density and Growth
3. Population Composition
4. Human Development
5. Primary Activities

Book – India: People and Economy

1. Population: Distribution, Density and Composition
2. Migration: Types, Causes and Consequences
3. Human Settlements
4. Water Resources

Note- Map Items for identification only on outline political map of the World.

1. The largest country in each continent in terms of area
2. Areas of subsistence gathering
3. Major areas of nomadic herding of the world
4. Major areas of commercial livestock rearing
5. Major areas of extensive commercial grain farming
6. Major areas of mixed farming of the World
7. Major areas of Mediterranean agriculture of the World

Map Items for locating and labelling only on the outline political map of India.

1. State with highest level of urbanization and lowest level of urbanization
2. State with higher level of population density & one state with lowest level of population
3. One out migrating state and one in migrating state
4. Any city with more than 10 million population – Greater Mumbai, Delhi, Kolkata, Chennai, Bengaluru

### **HISTORY:-----**

1. Brick, Beads and Bones 2. kings, Farmers and Towns 3. Kinship, Caste and Class
4. Thinkers, Beliefs and Buildings 6. Bhakti and Sufi Traditions