



# **R.M PUBLIC SCHOOL**

**CBSE AFFILIATION NO. 730072**

**SESSION -2022-23**

**CLASS – 11<sup>TH</sup> (SCIENCE, COMMERCE & ARTS)**

**Winter Vacation Homework**

## **11<sup>TH</sup> SCIENCE**

### **SUBJECT - ENGLISH**

1. Write down the summary of the poem 'Childhood' along with poetic devices and theme. Also mention the structure of the poem.
2. Write down the summary of the poem 'Father to Son' along its poetic devices and theme. Also mention the central idea of the poem.

### **SUBJECT - PHE**

1. Project Work – Sai Khelo India programme  
Speed, Strength, Endurance, Co-ordination.
2. Practical Work – Motor fitness test, 400m track with label diagram.

### **SUBJECT - PHYSICS**

Revision on chapter Gravitation.

Prepare a separate file on Gravitation with all diagrams and derivations.

### **SUBJECT - BIOLOGY**

- Q1. Read the chapter "Human physiology" thoroughly.
- Q2. Explain the mechanism of breathing with the help of diagram.

Q3. Solve worksheets that will be uploaded in the official group on separate notebooks

### **SUBJECT - MATHEMATICS**

Q1. Explain ellipse in detail. Also derive its equation.

Q2. Explain parabola and circle. Also derive their equations.

### **SUBJECT - CHEMISTRY**

Q1. Explain the following.

- a) Inductive effect
- b) Resonance effect
- c) Electromeric Effect
- d) Hyperconjunction

Q2. Solve the following questions from unit-13 (Hydrocarbons)

Q no. 13.1, 13.4, 13.7, 13.8, 13.9, 13.13, 13.22 and 13.25

### **SUBJECT - COMPUTER SCIENCE**

Practical file of Computer Science on following topics. Make sure minimum problems/programs with next and clean outputs is 15

Topics be covered from

- 1) Python Fundamentals
- 2) Of Conditions
- 3) Loops
- 4) String Manipulations
- 5) List Manipulations

# **CLASS -11<sup>TH</sup> ARTS**

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### **SUBJECT: POLITICAL SCIENCE**

Read the chapter Federalism Carefully and answer the following questions.

- Q1. What is Federalism?
- Q2. Explain in detail the Federalism in Nigeria.

Q3. Explain the Federalism in the Indian Constitution.

**SUBJECT : SOCIOLOGY**

Prepare a project file on topic – Introducing western sociologists  
Revise syllabus of P.A-II complete.

**SUBJECT : HISTORY**

Prepare a project file on topic: Displacing Indigenous people.  
Revise syllabus of P.A-II complete.

**SUBJECT : ECONOMICS**

Prepare notes on important topics of following chapters:-

1. Consumer equilibrium by cardinal and ordinal approach.
2. Types of cost and revenue.
3. Producer equilibrium.

**SUBJECT: GEOGRAPHY**

Answer the following questions

- Q1. What do you mean by climate?
- Q2. Which two climate variables are used by Koeppen for classification of the climate?
- Q3. What are the causes of climate?

# **CLASS -11<sup>TH</sup> COMMERCE**

## **Winter Vacation Homework**

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2. Write down the summary of the poem 'Father to Son' along its poetic devices and theme. Also mention the central idea of the poem.

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2. Practical Work – Motor fitness test, 400m track with label diagram.

### **SUBJECT : COMPUTER SCIENCE**

Practical file of Computer Science on following topics. Make sure minimum problems/programs with next and clean outputs is 15

Topics be covered from

- 1) Python Fundamentals
- 2) Of Conditions
- 3) Loops
- 4) String Manipulations
- 5) List Manipulations

### **SUBJECT : ECONOMICS**

Prepare notes on important topics of following chapters:-

1. Consumer equilibrium by cardinal and ordinal approach.
2. Types of cost and revenue.
3. Producer equilibrium.

## **SUBJECT : BUSINESS STUDIES**

Prepare notes on important topics of following chapters:-

1. Internal trade
2. Small business
3. Business finance

Solve all Illustrations and Extra Questions on your fair notebook.

## **SUBJECT : ACCOUNTS**

1. Chapter – 15 Depreciation
2. Chapter – 5 Accounting equation
3. Chapter – 18 Financial Statements without adjustments

Make your own Notes, Solve all Illustrations and Extra Questions on your fair notebook.

