



## **WINTER ASSIGNMENT [2025-26]** **GRADE VIII**

### **General Instructions :-**

- Assignments should generally be handwritten and done neatly and independently.
- Use a separate notebook or a beautiful folder with an eco-friendly cover for submission.
- Originality and creativity in the work are often appreciated.
- Parents are usually requested to only guide the children, not do the work for them.

### **Subject - Information Technology**

1. Explain different types of cyber- crimes with examples. Draw/paste suitable diagram.
2. Discuss the biography of any 5 famous IT personalities.

### **Subject – Sanskrit**

1. 'तत्' (पुल्लिंग तथा स्त्रीलिंग) शब्दरूप लिखें।
2. 'अस्' तथा 'वद्' (पांचों लकार में) धातुरूप लिखें।
3. संस्कृत गिनती ८१(81) से १००(100) लिखें।

### **Subject - Hindi**

1. काल, कारक या संधि का घूमता हुआ पहिया मॉडल बनाएं।
2. कहानी अकबरी लोटा से हमें क्या सीख मिलती है एक पोस्टर या मॉडल के रूप में दिखाएं एवं आप इस कहानी के पात्र होते तो क्या करते यह भी बताएं।
  - ❖ इसके अलावा अकबर बीरबल से जुड़ी कोई रोचक कहानी चित्रों के द्वारा दर्शाएं।

### **Subject - English**

1. Write a character sketch of Ruskin Bond based on the chapter. Focus on his love for nature, observations, feelings, and lifestyle.
2. Write about Figures of Speech using the following points:
  - Meaning of figures of speech
  - Purpose of using them
  - Names of four figures of speech
  - Give 4 examples for each figure of speech

### **Subject - Social Science**

1. Research and analyze the challenges Adivasi students face in accessing and completing their education, and suggest some potential solutions.
2. Mark and label the following major Iron and Steel Producing Centers in India on a political map of India:
  - Jamshedpur (Jharkhand)
  - Durgapur (West Bengal)
  - Bhilai (Chhattisgarh)
  - Rourkela (Odisha)
  - Salem (Tamil Nadu)
3. In the context of the Life Cycle and Environmental Impact of the Cotton Textile Industry trace a product's journey from raw material to finished good and evaluate the industrial process from an environmental perspective.

### **Subject - Science:**

1. Research the life and contributions of **Michael Faraday**. Explain his crucial role in developing the concepts of electrolysis, including the terms 'electrode,' 'anode,' 'cathode,' and 'electrolyte.'
2. Prepare the detailed mechanism, diverse applications, and societal impact of electroplating.

### **Subject - Math:**

#### **Question 1: Project Work**

**Topic:** Direct and Inverse Proportion in Daily Life

#### **Task:**

Prepare a project showing how Direct Proportion and Inverse Proportion are used in real-life situations.

#### **Instructions:**

1. Explain Direct Proportion with two real-life examples (e.g., cost vs quantity, distance vs time at constant speed).
2. Explain Inverse Proportion with two real-life examples (e.g., number of workers vs days, speed vs time).
3. Represent each example using: A table & A graph
4. Write a short conclusion (5–6 lines).
5. The project should be handwritten and neatly presented with proper headings.

#### **Question 2: Model Making**

**Topic:** Factorization / Exponents

## **Task**

Make a working or non-working model to explain any ONE of the following:

### **Option A: Factorization Model**

Show factorization of algebraic expressions using paper strips, cards, or chart.

Clearly label common factors and final results.

**OR**

### **Option B: Laws of Exponents Model**

Create a model explaining any three laws of exponents using diagrams, flaps, or wheels.

Include examples for each law.

### **Instructions-**

The model must be creative, neat, and clearly labeled.

Use easily available materials (cardboard, paper, colors, etc.).

Attach a short explanation (5–8 lines) with the model.

### **Instruction:**

1. Use a standard A4 size plastic or cardboard stick file.
2. The first sheet inserted must be the **Cover Page**. It should contain **Project Title** (Large and Centered) **Subject, Class & Section, Submitted By:** (Your Name, Roll Number), **Submitted To:** (Your Subject Teacher's Name) and **Academic Year**.
3. All drawings, diagrams, graphs, or pasted images must be clear, relevant, and labeled correctly.
4. Ensure the handwriting is **clear, legible, and neat**. Use a dark blue or black pen for text and a pencil for diagrams.

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