

## Assignment - 1 (2023-24)

Class : X

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### ENGLISH

1. Create a bookmark on freedom fighters of Jharkhand and Telangana.
2. Express your thoughts through poem, story, quotations, Art and craft, collage (any art form on theme ' Women Empowerment ' in A 4 size sheet)

### HINDI

1. अपनी उत्तर पुस्तिका के कवर पर मनपसंद चित्र बनाकर उसे रंगों की सहायता से या फिर रंगीन पेपर की सहायता से (क्राफ्ट) सुसज्जित करें।
2. माता का अंचल' पाठ से कम से कम 8 लोकोक्तियाँ चुनकर A4 साइज पेपर में सजाकर लिखें।
3. झारखंड एवं तेलंगाना के प्रमुख व्यवसायों का सचित्र वर्णन करें। (AIL PROJECT)

### MATHEMATICS

- Q. Aerial distance between Ranchi (Jharkhand) and Hyderabad (Telangana) is 972 km. One aircraft starts from IXR (Ranchi) and another from HYD (Hyderabad) at the same time. If the aircraft moves in the same direction at different speeds, meet in 6 hrs. If they travel towards each other they meet in 50 minutes.
- a) Find the speed of the aircrafts.
  - b) Represent graphically the movement of aircrafts in same and opposite direction (use both equations to draw separate lines)
  - c) Shade the triangle formed on first quadrant and write the coordinates.

Material required. A4 size papers (coloured/white), graph paper. **(Decorate front page)**

### SCIENCE

#### **PHYSICS**

Write the following experiment in Physics practical notebook - Determination of the focal length of Concave mirror by obtaining the image of a distant object.

#### **CHEMISTRY**

Application and effects of Redox reaction in everyday life. (scrap book)

- χ Electroplating
- χ Combustion
- χ Rusting
- χ Respiration
- χ Rancidity

## **BIOLOGY**

Do the comparative studies of the institutions involved in environment protection and sustainable development in Jharkhand and Telangana. Points to be considered-

- \* Vision of the institution with logo
- \* Achievements of the institution
- \* List of the Award/awards received by the Institution

**NOTE- Do it in chart paper.**

## **SOCIAL SCIENCE**

### **HISTORY**

Compare the life and role of Birsa Munda and A. Sitaram Raju in the National Movement. (in A4 paper)

### **CIVICS**

Federalism - Outline the importance of federalism in India with ref to the states of Jharkhand and Telangana.

Points to be included

1. Reasons for their formation
2. Their political map before and after their formation (label their capitals)
3. Number of districts, blocks, villages and panchayats
4. Two challenges faced by these states in the functioning of the Panchayati Raj Institutions.

(Make PPT or in A4 paper)

### **GEOGRAPHY**

ALL project on the development of tourism of Jharkhand and Telangana (In A4 size colour paper)

### **ECONOMICS**

Comment on the development of Jharkhand and Telengana on the basis of education, health and income. (in A4 paper)

## **ARTIFICIAL INTELLIGENCE**

Write a program in Python to make a quiz program having 10 questions with 4 options each. Score to be displayed at last.

## **SANSKRIT**

झारखण्ड एवं तेलंगाना राज्य के संस्कृति को चित्रों के माध्यम से दर्शाएं एवं उनके नाम लिखें। (A4 साइज पेपर में करें।)

