

ART-INTEGRATED PROJECT (AIP)

Bihar Paired With Madhya Pradesh – Class 10

**ENGLISH** – 3 SHEETS

SHEET 1 – DESCRIPTIVE ESSAY

Q1. Make a detailed **descriptive essay** on Madhya Pradesh covering Khajuraho, Sanchi, Bandhavgarh, tribal heritage, and **compare** it with Bihar's heritage.

SHEET 2 – TRAVEL BROCHURE

Q2. Create a **brochure** of Tourist attractions, food, culture and festivals of Madhya Pradesh.

SHEET 3 – COMIC STRIP

Q3. Prepare a **Comic Strip** of a conversation between tourists from Bihar & MP exchanging cultural and historical facts.

**HINDI** – 3 SHEETS

शीट 1 – अनुच्छेद लेखन

Q1. मध्य प्रदेश की जनजातीय कला, संगीत, भोजन और परंपराओं पर विस्तृत अनुच्छेद।

शीट 2 – कविता/स्लोगन

Q2. नर्मदा नदी, उज्जैन, भीमबेटका आदि पर कविता।

शीट 3 – तुलनात्मक अध्ययन

Q3. बिहार बनाम मध्य प्रदेश – कला, इतिहास, त्यौहार, नदियाँ।

**SOCIAL SCIENCE** – 3 SHEETS

**Q. Map Work on: Madhya Pradesh Political/ Physical (Duffy map of different concept)**

SHEET 1 – GEOGRAPHY

1. **Mark & Locate:** Rivers (Narmada, Tapti), plateaus, forest regions.

SHEET 2 – HISTORY

2. **Mark & Locate :** Sanchi Stupa, Khajuraho Temples, Bhimbetka caves.

SHEET 3 – ECONOMICS

3. **Mark & Locate :** Agriculture (soybean), industries, Panna diamond mines.

## **MATHEMATICS – 3 SHEETS**

### SHEET 1 – STATISTICS

Q1. **Graphs** using MP's data: literacy, population, rainfall.

### SHEET 2 – COORDINATE GEOMETRY

Q2. Gond **art** using **reflections**, translations, **symmetries**.

### SHEET 3 – MENSURATION

Q3. Find the **Area** of Sanchi Stupa modeled as hemisphere, Khajuraho as cone/frustum.

## **ARTIFICIAL INTELLIGENCE – 3 SHEETS**

### SHEET 1 – AI APPLICATIONS

Q1. Write a note on AI in MP: smart farming, traffic systems and tiger monitoring.

### SHEET 2 – FLOWCHART

Q2. Make an AI rainfall prediction or face-recognition process.

### SHEET 3 – AI TOURISM ASSISTANT

Q3. Create an MP tourism chatbot interface design.

## **SCIENCE – 3 SHEETS**

### SHEET 1 – BIOLOGY

Q1. Write about the **Biodiversity** of Madhya Pradesh such as the Tigers, Barasingha and medicinal plants found in Madhya Pradesh with illustrations/ pictures.

### SHEET 2 – PHYSICS

Q2. Write an elaborated note on the **working** of:

**Hydropower:** Dams and **Solar power:** Rewa solar plant of Madhya Pradesh with proper illustrations.

### SHEET 3 – CHEMISTRY

Q3. Write about the **Minerals** of MP: diamond, manganese, bauxite with their **Chemical formula** and colourful **Structural diagram**.

**Note:** Use maximum **three** to **four** pages for each Subject, the project should be made in **one single file**. Attach all **map** works and **brochure** in the **same file** before submission. Make sure to add an **Index** and **Cover Page** for the file.