

ITL PUBLIC SCHOOL

ACTIVE ENGAGEMENT OF YOUNG MINDS DURING SUMMER VACATIONS PROGRAMME

CLASS-XII

HISTORY

TASK ONE

Problem statement- Forget your roots, forfeit your future.

The context-A society that loses connection to its history, language, knowledge systems, and community memory loses the ability to shape its own future.

1. DECOMPOSITION-

A) The meaning of decomposition- means breaking a complex problem or system into smaller, more manageable parts. By dividing a large task into bite-sized chunks, each part becomes easier to understand, solve, or manage individually. It is often called the "divide and conquer" approach.

B) Usage in assignment- The table given below, is an example of the way you can do decomposition of your problem statement.

Component	Historical Meaning	Signs of detachment
A. Language	Sanskrit, Tamil, Persian, tribal tongues carried science, law, ethics	42 Indian scripts endangered; kids can't read grandma's letters
B. Knowledge Systems	Vedas, Brahmanas, Aranyakas, Upanishads	Limited appreciation of History as a subject

2. PATTERN RECOGNITION

A) The meaning of pattern recognition- is the process of identifying similarities, trends, or characteristics within data sets or complex problems to make them easier to solve. It involves spotting recurring elements to categorize information, predict outcomes, and create reusable solutions.

B) Usage in the assignment- A few patterns have been listed below

Pattern 1: **In the Past**-Colonized Mind → Dependent Future 1835 Macaulay: "Create English-educated class ashamed of own culture".

In the present- Startups copy Silicon Valley, ignore Indian frugal-innovation models. Result: Import apps, export data

Pattern 2: **In the Past**-Ecological Amnesia → Disaster-1750: British cut forests for railways, called local tank systems "primitive".

In the present- Reckless using of plastic, just because it was being used by some developed countries, deviation from our tradition of using cloth bags, jute bags and clay pots.

3) ABSTRACTION-

A) The meaning of abstraction- is the process of filtering out unnecessary details to focus only on the essential characteristics of a problem. It simplifies complex systems by hiding complex, non-essential information, making it easier to solve problems, design algorithms, and create efficient, manageable solutions.

B) Usage in assignment- Adhere to the problem statement, which involves focussing on-

- i. The various ways in the past, through which we forgot our culture, heritage and history.
- ii. The various factors that led us to dismiss / ignore / disrespect / forget our culture, heritage and history.

4)ALGORITHM DESIGN –

A) The meaning of algorithmic design-is the process of creating a clear, step-by-step, logical plan to solve a problem or complete a task. It is designed to turn a complex problem into a sequence of instructions that a human or computer can follow to achieve a predictable result.

B) Usage in assignment-

Step 1- Define *roots* and educate people in the same.

Step 2-Work on target achievement from an administrative level (Central, State & Local)- Example- Educational policies, Nukkad Nataks, Rallies, Cultural Fairs

Step 3-Work on target achievement through media-Podcasts, Songs, Movies that enlighten community about their heritage.

5.Suggest AI based solutions-

Suggest one smart AI-based solution to address the problem. For example, create apps to prevent craft extinction.

Note - The solution should be created/ designed using AI Project Cycle

6.Final Presentation of assignment-

i) Students can make a project of this work in word doc.

OR

ii) Students can make a power point presentation of the assignment.

TASK TWO

Compulsory Project of History has been specified by CBSE. Students will start writing their projects after detailed research and editing. They will do their work related to the project as per the time schedule prepared by their teacher.

IMPORTANT INSTRUCTIONS

1.For the Compulsory Project students have been given all details, the same needs to be adhered to.

2.Holiday Home work is an essential component of internal assessment, kindly complete it and submit it to your teacher within a week of the school's reopening after summer vacations.

