

## ARMY PUBLIC SCHOOL, TEZPUR

### SUMMER BREAK HOLIDAY HOMEWORK (2022-23)

#### CLASS IX

##### ENGLISH-

1. STUDENTS WILL SUBMIT WRITE UPS FOR THE NEXT EDITION OF THE SCHOOL MAGAZINE (ARTICLES/POEMS/TRAVELOGUES/SHORT STORIES/ANECDOTES). THE WRITE UP IS TO BE WRITTEN ON AN A4 SIZE SHEET. HOWEVER THE SOFT COPIES ARE TO BE KEPT CAREFULLY WITH THE STUDENTS.

2. STUDENTS WILL SOLVE ALL THE EXERCISES (UNSOLVED) OF TENSES FROM THE GRAMMAR BOOK. THE EXERCISES TO BE SOLVED IN GRAMMAR NOTE BOOKS.

##### HINDI-

1. एक कहानी लिखिए जिसमें एक व्यक्ति को अपनी गलती का अर्थ समझने का मौक़ा मिले।

(कम से कम 100 शब्दों में लिखिए)

2. 5 वाक्यों में 5 वाक्यरचनाओं का प्रयोग कीजिए।

3. एक कहानी लिखिए जिसमें एक व्यक्ति को अपनी गलती का अर्थ समझने का मौक़ा मिले।

(A4 साइज के काग़ज़ पर लिखिए)

4. एक कहानी लिखिए जिसमें एक व्यक्ति को अपनी गलती का अर्थ समझने का मौक़ा मिले।

##### MATHS-

1. Make a model of root spiral by using some creative ideas.
2. Make a working model of formula  $(a + b)^2$  and  $(a + b)^3$ .
3. Do minimum 5 extra questions from the chapters 1 , 2 and 3.

## **SCIENCE-**

### **Physics:**

To solve worksheet based on the chapter- Motion.

### **Biology:**

To prepare a PowerPoint presentation showing the differences between prokaryotic and eukaryotic cell (not more than 10 slides).

### **Chemistry:**

To prepare a table on first 20 elements of the periodic table, its symbols, atomic number and atomic mass. Also identify 5 metals and 5 non-metals among them and mention 5 uses of each.

## **S.SCI-**

**HISTORY:** Questions answers of Ch 1 to be completed.

**POLITICAL SCIENCE:** Write the Preamble of Indian Constitution on a chart paper and learn its essence.

**ECONOMICS:** Questions answers of Ch 1 to be completed.

**GEOGRAPHY:Students of Class IX are informed to complete disaster management projects during summer vacations.**

The following essentials are required to be fulfilled for their preparation and submission:

- Select any one of the following projects.
- The total length of the projects will not be more than 8 pages.
- The projects will be handwritten and a credit will be awarded to original drawings, illustrations, and creative use of materials.
- The project reports will be presented in a neatly bound simple folder.
- The projects will be developed and presented in the following order:
  - i) Cover page
  - ii) List of contents
  - iii) Acknowledgement
  - iv) Project overview

- v) Chapters
- vi) Summary and conclusions
- vii) Bibliography

**Date of submission - July 5, 2022.**

**List of Projects**

- 1) Managing the disasters-The role of students.
- 2) Can disaster be prevented? Enumerate some of the ways through which the impact of disasters can be reduced.
- 3) Floods: Examine its causes, typical effects, and main mitigation strategies.
- 4) Road and rail accidents: Illustrate their causes, effects and main mitigation strategies.

**MAP WORK**

1. In an outline map (Political) of the world, identify the ocean and continents of the world.
2. In an outline map (Political) of India, identify the major rivers.
3. In an outline map (political) of India, identify the following features
  - A. Tropic of cancer.
  - B. Land boundaries.
  - C. Coastal boundaries.
  - D. East-west distance.
  - E. North-south distance.

**IT-**

1. Draw the block diagram of keyboard.
2. Convert the following questions in binary(decimal to binary)
  - a. 79
  - b. 31
  - c. 50
  - d. 60

