

# CREANE SCHOOL, GOPALPUR, SHERGHATI

## SUMMER VACATION HOLIDAY HOMEWORK - 2023-24

### STD - IX

#### **HINDI :-**

- ❖ उपभोक्तावाद विषय पर 150 - 200 शब्दों में अनुच्छेद लिखें एवं संबंधित चित्र एकत्र कर नोटपुस्तिका में चिपकाएं।

#### **ENGLISH -**

- ❖ Q. Write in detail about the five classical musical instruments and the renowned musical artists associated with these musical instruments.
- ❖ Flute- Pandit Hariprasad Chaurasia
- ❖ Sitar- Ravi Shankar
- ❖ Tabla-Ustad Zakir Hussain
- ❖ Sarod- Ustad Amjad Ali Khan
- ❖ Sarangi-Ustad Sultan Khan
- ❖ Also paste the picture of these musical instruments and musical artists.

#### **MATHS :-**

- ❖ Represent  $\frac{3}{7}$ ,  $\frac{2}{5}$ ,  $-\frac{5}{7}$  and  $\frac{5}{2}$  on the number line.
- ❖ Represent  $\sqrt{2}$ ,  $\sqrt{3}$ ,  $\sqrt{5}$ ,  $3+\sqrt{5}$  and  $\sqrt{3.5}$  on the number line.
- ❖ Represent 3.456 by successive magnification method on number line.
- ❖ Rationalise the denominators of the following:
- ❖ Exercise 1.5 (NCERT) - Q(5) Rationalise the denominators of the following:
- ❖ Write laws of exponents for real numbers.
- ❖ Check whether the polynomial:  $f(x) = 4x^3 + 4x^2 - x - 1$  is a multiple of  $2x + 1$ .

- ❖ What number should be added to  $x^2 + 5$  so that the resulting polynomial leaves the remainder 3 when divided by  $x + 3$ ?

## **SCIENCE :-**

### **Subject- Physics**

- Draw a distance time graph in the graph paper for the following situations:-
  - i) When the body is stationary.
  - ii) When the body is moving with uniform speed.

### **Subject- Chemistry**

- Show the Brownian motion & Diffusion with the help of a well labeled diagram and give the explanation.

### **Subject- Biology**

- Complete all the Question/Answer of NCERT Exercise in fair notebook.
- Read the given notes carefully.
- Draw the diagram of all cell organelles in copy and label it also.

## **SOCIAL :-**

- ❖ Summer Holidays Project/Activity
- ❖ 1.Find out the longitudinal and latitudinal extent of your state.
- ❖ 2.Collect information about the Silk Route. Also Find out the new developments, which are improving communication routes in the regions of high altitude.
- ❖ Learn the complete syllabus of PT\_1 Examination.

## **FTT:-**

- ❖ Write the Factors that help in Building Self-Confidence and also write the Tips for Self-Confidence in standard size paper.

## **ART :-**

- ❖ TOPIC : - CHAPTER - 6 (Animal Study) (page no. 30, 31 and 32)

❖ **Instructions**

- ❖ Draw all the pictures on small size chart paper and colour it.
- ❖ Submit your Art work in stick file.
- ❖ Colour the picture According to your Art Book.  
Use shading pencil for shading art work.

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**Instructions**

- ❖ Use A4 size paper.
- ❖ Write your personal details (name, class, roll number, sec etc) on the very first page .
- ❖ Submit your project in a folder file . The file must be covered with brown paper and put your name plate on it.

***NOTE :- Date of submission of project work -16/06/2023.***

Creane School, Gopalpur, Sherghati