

# Summer Vacation Home Work

## **Class- IX ENGLISH**

Writing section – Do W/s 7 to 10

Grammar section – Do 9 to 12

Learn and write – Tense and its determiner

Literature – Revise chapter 1,6 and 7

Practice paper – 220,221,222,225 and 226

Write down the summary of all the chapters of part-1 from the novel of ‘Gulliver’s Travel

## **MATHS**

- Real number
  - Ex- 1A Q. No. 2 (iii, vii) , 5,6
  - Ex- 1B Q. No. 1 (iii, v), 3 (iv, viii), 4
  - Ex- 1C Q. No. 3,5,6
  - Ex- 1D Q. No. 1 ii, 2vi, 3 ii, 4(iv, v), 6
  - Ex- 1E Q. No. 4,5,9,13,15,17
  - Ex- 1F Q. NO. 2 iii, 3 iii, 4 iii, 7 ii
  - C.C.E 1 to 33, 45 to 55
  - Ex 2A Q. NO. 1, 2 v, 3 iii, 5
  - Ex- 2B Q. NO. 3, 4 (v, viii), 5 (ii, iv, vii)
  - Ex- 2C Q. No. 3,5,8,11
  - Ex- 2D Q. NO. 4,6,11,14,16
- Learn the five postulates of Euelid

## **SCIENCE**

### **Biology**

1. Draw a labeled structure of animal cell and plant cell.
2. Write common characteristic of animal and plant cell.
3. Write the difference between prokaryotic and eukaryotic cell with example.
4. Write its cause –
  - Mitochondira is known as power house.
  - Lysosome is known as suicidal bag
  - Ribosome is protein factory
  - Cetrosome is known as centre of cell division
  - Chloroplast known as kitchen house of cell.
5. Draw label diagram of (i) Mitochondria, Chloroplast, Endoplasmic, Seticulum (rough and smooth)
6. Describe different type of animal tissues with function.
7. Draw a lebel diagram of neuron (nerve cell)

### **Physics**

1. Suppose a car is moving Patna to Ranchi : Explain which type of motion is related and uniform motion related with moving car.
2. Draw the structure of speed motor and how does it work?
3. Derive equation of motion as well as graphical motion.
4. Differentiate speed and velocity.
5. Define the unit of length, time and mass.
6. Prepare notes of chapter motion and all q/ans of chapter Motion from NCERT and NCERT example book.

## **Chemistry :-**

Complete fair copy of lesson – 1

Remember all topics and question answer of chapter- 1

Do exercise “matter in our surrounding” from NCERT Book

Do all value based question of chapter 1 text book

S.ST.

1. Complete fair copy from one exercise each from history, geography, political science and economics and remember them.
2. Write 100 very short type answer questions from each of history, geography, political science and economics.
3. On the chart paper draw an outline map of India and find out latitude and longitude location and ISF.
4. On the outline map of India mark the following :-
  - a. The trans Himalaya ranges, Anaimuli, Dada beta, Cardemon hill, Malwa, Chotang pur plateau, Shipkila, Nathula, Aghil Pass
5. Draw up a list of democratic rights we enjoy today whose origins could be traced to the French revolution.
6. Write an article “Democracy is the best form of govt.
7. Mention question no- 4 from class X.

## **SANSKRIT**

1. चरक संहिता विषय 15 वाक्य संस्कृत में लिखें।
2. प्रश्नोत्तर याद करें।
3. स्वर संधि के भेदों एवं नियमों को याद करें और लिखें।
4. शब्द रूप – कवि, साधु, पितृ, मातृ, मति याद करे और लिखें।
5. पत्र लेखन – 2 से 6 तक 6. संवाद लेखन 2 से 6 तक

## **COMPUTER**

1. What is media coverage?
2. Characteristics of computer and explain each.
3. What is memory stick?
4. What is operating system? Functions of operating system.
5. List out input and output devices and explain each.
6. Write generation of language.

- याद करना है।
- 1) गद्य एवं पद्य के प्रश्नोत्तर के फेर कापी तैयार कर लेना है।
  - 2) संचयन के प्रश्नोत्तर के फेर कापी तैयार कर लेना है।
  - 3) अनुच्छेद लिखें :-
    - i) सपनाचार
    - ii) संघर्ष ही जीवन है।
    - iii) मित्रता
    - iv) आत्मविश्वास
    - v) समय का महत्व

- 4) संवाद लेखन :-
- i) दूरदर्शन कार्यक्रम के विषय में दो भाईयों के बीच संवाद लिखें।
  - ii) प्रतियोगिता - परीक्षा में प्रथम स्थान पाने पर शकुल और उसके पिता का संवाद लिखें।
  - iii) विद्यालय में क्रिकेट टूर्नामेंट के विषय पर दो छात्रों का संवाद लिखें।

- 5) पत्र-लेखन :-
- i) अपने मित्र को वाद-विवाद प्रतियोगिता में प्रथम आने पर एक बधाई-पत्र लिखिए।
  - ii) पुस्तक रक्रीडने के लिए 2000 हजार रुपए की मांग करते हुए पिता के पास पत्र लिखें।
  - iii) गर्मी-छुट्टी में पर्यटक स्थल घुमाने के लिए बड़े-साई के पास पत्र लिखें।
  - iv) समय के महत्व को बताते हुए छोटे भाई को पत्र लिखें।