

## **MATHEMATICS:**

**BOOK – UNDERSTANDING ICSE MATHEMATICS (APC) ---- 9 STD.**

- EX – 1.1 :-- 1,2,3,4
- EX – 1.4 :-- 1(i,ii,iii,iv) ; 3 ( i ,ii)
- EX – 1.5 :-- 1( i, ii, iii, iv)
- EX – 3.1 :-- 1,2,3,4,5
- EX –3.2 :-- 1,2,3,4,5

## **CIVICS:**

**Chapter: Our Constitution and its salient features**

**Answer the following questions:**

- What is meant by the term 'Constitution'?
- When was the Constitution of India enacted and adopted?
- Who was the Chairman of the Drafting Committee?
- Examine the salient features of the Constitution of India with reference to the following:
  1. Universal Adult Franchise
  2. Single Citizenship.

## **GEOGRAPHY:**

**Chapter1**

- Write any three evidence to prove the shape of the Earth.
- What do you mean by the oblate spheroid shape of the Earth?
- Why the Earth is called as the unique planet?

## **PHYSICS:**

**CHAPTER- MOTION IN 1-D**

- Define instantaneous speed of a body.
- Give one example of uniform velocity and uniform acceleration.
- What is acceleration? Write its S.I unit.
- Write two differences between speed and velocity.

- Write three differences between mass and weight.
- Define scalar and vector quantity. Give 2 eg's each.
- Write two differences between distance and displacement.
- Give an example when displacement of a body is zero even if the distance is not zero.
- Rest and motion are relative terms- Explain.
- Define uniform speed and variable speed.

### **CHEMISTRY:**

#### **CHAPTER : THE LANGUAGE OF CHEMISTRY**

- Define symbol.
- Why different symbols are used for different elements?
- Define valency. What do you understand by monovalent and tetravalent elements. Give examples.
- Write the differences between compounds and radicals.
- What is chemical equation? Give examples.
- What are the merits and demerits of chemical equation?
- Learn the formulae of the compounds and radicals in details.
- Practice first ten balancing the chemical equation from the exercise given in the text book.

### **BIOLOGY:**

#### **Question 1:-**

**Give reasons for the following:-**

- Lysosomes are called the suicidal bag of the cell.
- Mitochondria are called the power house of the cell.

#### **Question 2:-**

- Mention 2 differences between cell wall and cell membrane.
- Define chromosomes.

#### **Question 3:-**

- Name the two types of Endoplasmic reticulum.
- Give the main features of cell theory.
- Write two functions of nucleus.