

**FULL.MARKS-50**  
**CLASS-VIII SUB: -SCIENCE**

**All questions are compulsory: -**

**1. Multiple choice questions: -**

1x10=10

A. Which of the following crop would enrich the soil with  $N_2$ ?

- i. Apple      ii. Pea      iii. Paddy      iv. Potato

B. Food obtained from animal is very rich in.

- i. Fats      ii. Carbohydrate      iii. Minerals      iv. Proteins

C. Which of the following disease is not caused by bacteria?

- i. Cholera      ii. Typhoid      iii. Tuberculosis      iv. Potato

D. Which of the following is not a synthetic fiber?

- i. Nylon      ii. Flax      iii. Acryli  
c      iv. Polyeste  
r

E. The element which is stored under kerosene is

- i. Sulphur      ii. Phosphorus      iii. Sodium      iv. Silicon

F. Which are the major components of CNG?

- i. Ethane      ii. Propane      iii. Methane      iv. Butane

G. Which of the following is the main cause of global warming?

- i.  $NO_2$       ii.  $SO_2$       iii.  $CO_2$       iv. ozone

H. Which of the following is unicellular organism?

- i. Amoeb  
a      ii. Yak      iii. Yeast      iv. rhizobiu  
m

I. The magnitude of force is expressed in

- i. Pascal      ii. Newto  
n      iii. Kelvin      iv. M/Sec

J. Which of the following does not have a streamlined shape?

- i. Aero  
plane      ii. Boat      iii. Bird      iv. Bus

**2. Short answer type questions :-**

2x10=20

- a. What are contact and non-contact force?
- b. What is amplitude and time period?
- c. What is electroplating. State two uses of it?
- d. Why we see lightning before hearing thundering?
- e. What is reforestation?
- f. Define rapid combustion with example?
- g. What is calorific value? Which substances have the highest calorific value?
- h. State three property of metal?
- i. What is nitrogen fixation?
- j. What are satellite and planets?

**3. Long answer type questions:-**

(3x6=18)

- i. Define Law of Reflection with a neat Labeled diagram?
- ii. Draw the human Eye with name of their parts?
- iii. Describe the working principle of Human Ear?
- iv. Draw and explain an electroscope?
- v. Define non-contact forces with example?
- vi. What are Bio-sphere reserve, National Parks and Wildlife Sanctuaries?