

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?