

Std :- X / \_\_\_\_

III & IV Unit Test Marks :- 20

Date :- 29.08.2018

Subject :- Science B

Time :- 45 Min.

**Q.I. A. Fill in the blanks :-**

[3]

1. \_\_\_\_\_ is world Biodiversity day.
2. Most of the electric power plants are based on the principle of electromagnetic induction invented by \_\_\_\_\_.
3. \_\_\_\_\_ does not use fossil fuel like coal. Therefore, problems like air pollution do not a rise.

**B. Name the following:**

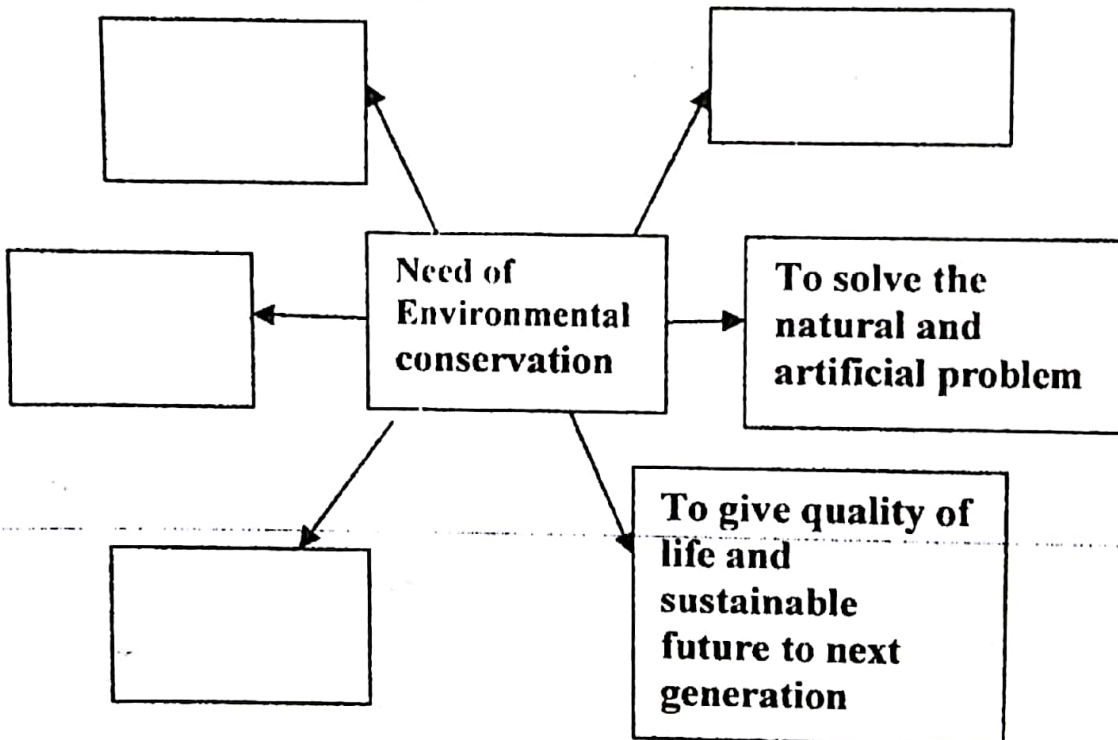
[2]

1. Name some factors affecting environment.
2. Name the scientist who had proposed classification of Artificial method.

**Q. II Answer the following:**

[4]

1. Complete the following.



2. Explain the differences of conventional and Non – conventional sources of energy.

**Q. III Answer the following:**

[6]

1. Distinguish between butterfly and bat with the help of three distinguishing properties.
2. Write short note on:  
Electrical energy generation and environment.

Q. IV Answer the following:

[5]

1. Complete the following table.

Sr. No.		HYDRA	Scoliodon	Star fish
1	Kingdom	Animalia	Animalia	Animalia
2	Subkingdom			Non- chordates
3	Phylum			Echinodermata

2. i) To which phylum does cockroach belong?  
ii) Justify your answer with scientific reasons.
3. Write any two characteristics of Amphioxus.