

**INTERNATIONAL INDIAN SCHOOL,RIYADH**

**PT-3 WORKSHEET 2017-18**

**Standard-X**

**Subject-Biology**

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**CHAPTER- OUR ENVIRONMENT**

1. List two biotic and abiotic components of an environment.
2. List four common waste disposal methods.
3. Give three characteristics of a food chain.
4. The depletion of ozone layer is a cause of concern. Why?
5. What is biological magnification? Will the level of this magnification be different at different levels of the ecosystem.
6. Why does a food chain consist of only 3-4 steps?
7. The following organisms form a food chain. Which of these will have the highest concentration of non-biodegradable chemicals? Name the phenomenon associated with it. Insects, Hawk, Grass, Snake, Frog.
8. Why are green plants called producers? Or Why do producers always occupy the first trophic level on every food chain ?
9. Calculate the amount of energy available to tiger in the following food chain, if plants have 20,000J of energy available from the sun .

Plant→deer →tiger

- 10.“ Energy flow in food chain is always unidirectional .”Justify this statement.

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