



NCERT Class X Science Class: Chapter –15. Our Environment – Part-1

Multiple Choice Questions

Question 1:

Which one of the following is an artificial ecosystem?

- (a) Pond
- (b) Crop field
- (c) Lake
- (d) Forest

Answer: B

Natural Ecosystem



Artificial Ecosystem



Image Natural Ecosystem and Artificial Ecosystem

Question 2:

In a food chain, the third trophic level is always occupied by

- (a) Carnivores
- (b) Herbivores
- (c) Decomposers
- (d) Producers

Answer: A

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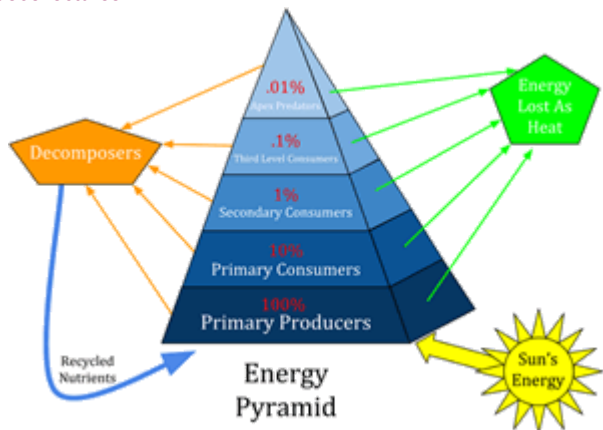


Image Energy Pyramid

Question 3:

An ecosystem includes

- (a) All living organisms
- (b) Non-living objects
- (c) Both living organisms and non-living objects
- (d) Sometimes living organisms and sometimes non-living objects

Answer: C

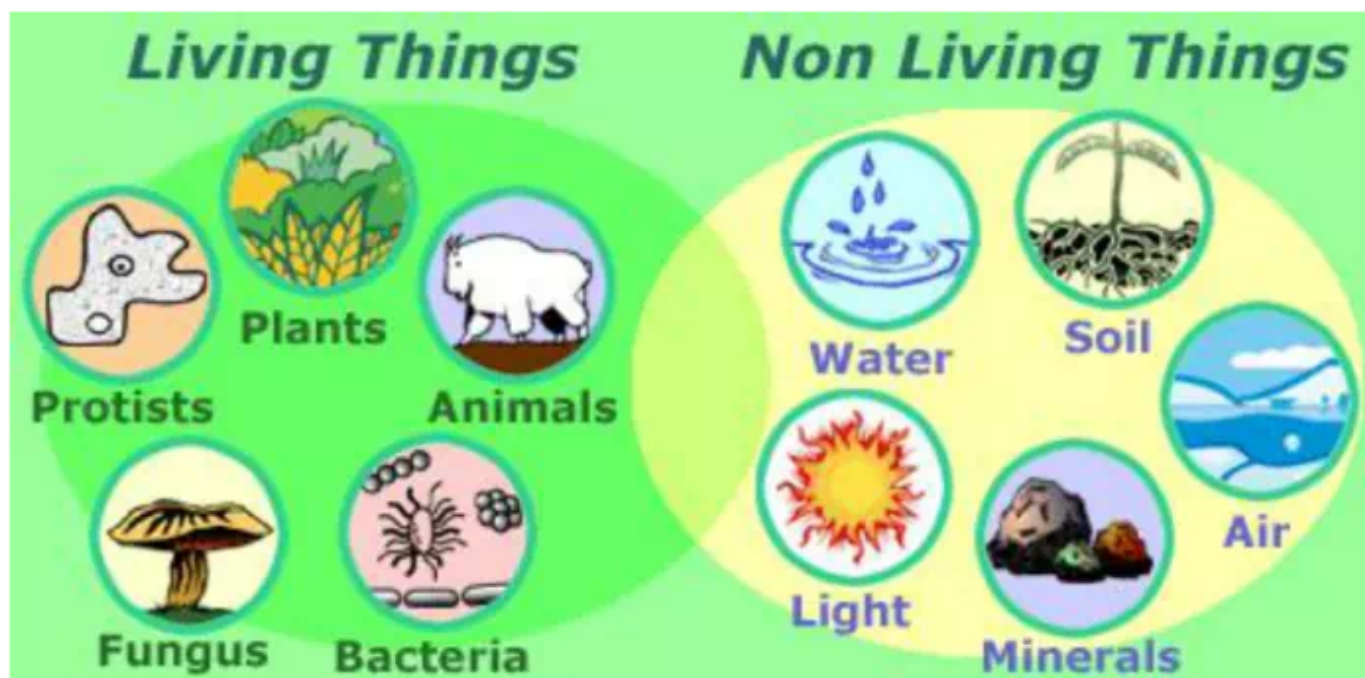


Image Living Things and Non Living Things

Question 4:

In the given food chain, suppose the amount of energy at fourth trophic level is 5 kJ, what will be the energy available at the producer level?

Grass → Grasshopper → Frog → Snake → Hawk

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- (a) 5 kJ
- (b) 50 kJ
- (c) 500 kJ
- (d) 5000 kJ

Answer: D

Question 5:

Accumulation of non-biodegradable pesticides in the food chain in increasing amount at each higher tropic level is known as

- (a) Eutrophication
- (b) Pollution
- (c) Bio magnification
- (d) Accumulation

Answer: C

Question 6:

Depletion of ozone is mainly due to

- (a) Chlorofluorocarbon compounds
- (b) Carbon monoxide
- (c) Methane
- (d) Pesticides

Answer: A

ImageCFCs, HCFCs and VOCs

ImageCFCs, HCFCs and VOCs

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