

I. Answer the following Questions : (½ mark Questions)

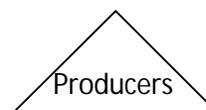
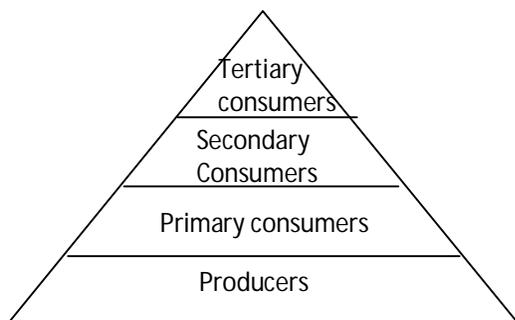
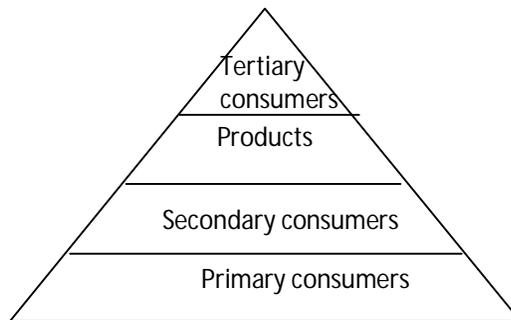
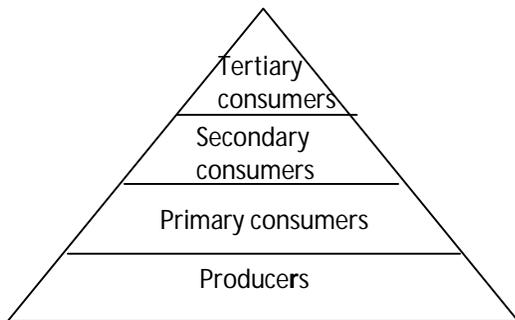
30 × ½ = 15

1. Identify the correct one from the following food chains.
 - a) Eagle → Rat → Snake → Grains
 - b) Grains → Rat → Snake → Eagle
 - c) Grains → Eagle → Rat → Snake
 - d) Rat → Snake → Grains → Eagle
2. Among the following pairs, which one is the mis-matched pair
 - a) plant – producer
 - b) rabbit – primary consumer
 - c) lion – carnivore
 - d) giraffe – secondary consumer
3. Expand BOD
4. Expand EBWR
5. Write the food chain of the following organism.
Grass, Frog, Hawk, Grasshopper, Snake
6. Give examples of water borne diseases
7. The Government of Andhra Pradesh has declared Kolleru Lake as the lake of _____
8. Write some green house gases.
9. Pyramid : Egypt : : Ecological pyramid : _____
10. Find out the missing thing from the table

Type of pyramid	Base
Pyramid of number	Number of organisms
?	Flow of energy

- a) Ecological pyramid
- b) Pyramid of energy
- c) Pyramid of bio-mass
- d) Giza pyramid

11. What is biomagnifications?
12. Producers → primary consumers → secondary consumers → tertiary consumers
In this food chain, the organism which belongs to the second trophic level is _____
 - a) snake
 - b) plant
 - c) grasshopper
 - d) frog
13. Herbivores are disappeared from eco system. Find the pyramid related to that



14. Expand ICRISAT.
15. Expand IUCN.

16. Identify the mismatched pair.

- a) Air – renewable resource b) coal – renewable resource
c) petroleum – non renewable resource d) Minerals – natural resource

17. What is not correct about Fossil fuels?

- a) Fossil fuels are very limited b) They are renewable c) They generate more pollution
d) If you utilize more energy crisis may occur

18. Read the sentences find the error and rewrite it. “Construction of soakpits help in storing water”

19. We grow trees in other areas and cut trees to construct buildings and industries which ‘R’ does this refer to?

20. I am a plant. My seeds are used for production of bio-fuel who am I?

21. Ramya gave her old books to her sister which type of conservation method is it?

22. This is not a method of saving fuel.

- a) using bicycle b) travel in trains instead of cars
c) using cell phones d) drawing of water from well

23. Find out the odd one

- a) Air b) white petrol c) water d) wind

24. Saving water by repairing leaky taps which ‘R’ does this refer to?

25. What is the 4th R to save the environment?

Reduce, Reuse, Recycle, _____

26. Petrol, Coal are examples of _____

27. Expand APWALTA

28. Expand CFC.

29. Eco-friendly, mosquito controlling method _____

- a) using repellents b) using mosquito net
c) bio smoking d) using mosquito coils

30. In gas stove, which burner helps to save the fuel?

- a) small burner b) big burner c) both burners d) none of the given

II. Answer the following Questions : (one mark Questions)

20 × 1 = 20

1. The graphic representation of the feeding level of an ecosystem in the shape of a pyramid was first introduced by me in 1927. Who am I?

2. Any type of plant or animal material that can be converted into energy is called ‘A’. when these materials are used for energy production. They are known as ‘B’. What is ‘A’ and ‘B’?

3. Why are green plants called producers?

4. Suggest any two eco friendly activities

5. What will happen if deer is missing in the food chain given below?

Grass → Deer → Tiger

6. The tendency of pollutions to concentrate as they move from one trophic level to the next is _____

7. What is Niche?

8. What does a food chain always start with?

9. A farmer introduced lizards in his field. The phenomenon is _____

10. Give examples to micro irrigation.

11. Draw the logo of recycling

12. What are the alternatives for fossil fuels?

13. Sustainable development means

14. Write two slogans on conservation of water

15. The plant which makes the soil nitrogen rich _____

16. _____ is the alternative method for conserving underground water

17. UNDP means _____

18. Give examples for green house gases

19. Which pollutant prevents solar radiation from reaching earth’s

20. Write examples for biodegradable and non-biodegradable wastes.