

Class: X
Subject: Biology
Topic: Our Environment
No. of Questions: 20
Duration: 60 Min
Maximum Marks: 60

1 Only ____ % of the energy can be transferred from one trophic level to the next trophic level.

- A. 1
- B. 5
- C. 10**
- D. 20

2 Accumulation of non- biodegradable pesticides in different trophic levels is called

- A. Biological degradation
- B. Biological magnification**
- C. Biological concentration
- D. Biological deposition

3 The UV radiation from the sun is likely to cause _____ in human

- A. Skin cancer**
- B. Lung cancer
- C. Liver Cancer
- D. Brain Cancer

4 Replacing Plastic cups by paper cups for selling tea on train may be preferred because

- A. Paper cups are bio degradable**
- B. Plastic cups are biodegradable
- C. Paper cups are non-biodegradable
- D. None of these

5 World Environment Day is celebrated on

- A. July 1
- B. July 5
- C. June 1
- D. June 5**

6 Which one of the following is a non- biodegradable substance

- A. DDT**
- B. Manure
- C. paper
- D. Cotton cloth

7 In a terrestrial ecosystem the biomass of _____ should be the most

- A. Herbivore
- B. Carnivore
- C. Producer**
- D. Any one of the above

8 Identify the proper food chain

- A. Grass ----- frog ---- insect ----- snake
- B. Grass---- insect ----- frog ----- snake**
- C. Insect --- frog ---- grass ---- snake
- D. Grass --- frog ---- snake ----- insect

9 Food web is c

- A. Food served through websites
- B. Display of different food items
- C. Interlinked food chains**
- D. Using food items for a fashion dress

10 The best way to dispose waste is by b

- A. Making a paste of all domestic waste and putting them in a river
- B. Separating biodegradable and non-biodegradable waste before disposing in bins**
- C. Throw the waste on road side
- D. Dumping all domestic waste in litter bin

11 What percentage of sunlight is captured by plants to convert it into food energy?

- A. 1%**
- B. 10%
- C. 50%
- D. More than 50%

12 Flow of energy in an ecosystem is always

- A. Unidirectional**
- B. Bidirectional
- C. Multidirectional
- D. None of these

13 Which of the following is non-biodegradable?

- A. Tea leaves
- B. Nylon**
- C. Remains of animal
- D. Fleece of sheep

14 Depletion of ozone is due to

- A. Methane
- B. Carbon dioxide
- C. Choloflourocarbons**
- D. Nitrogen

15 First order consumers are

- A. Carnivores
- B. Herbivores**
- C. Decomposers
- D. Omnivores

16 In an ecosystem, 10% of energy disposable for transfer for one trophic to next is in the form of

- A. Heat energy
- B. Chemical energy**
- C. Mechanical energy
- D. Light energy

17 Edaphic factors are included in

- A. Abiotic components**
- B. Biotic components
- C. Producers
- D. Consumers

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

- A. Eutrophication
- B. Pollution
- C. Bio magnification**
- D. accumulation

19 A detritus food chain begins with

- A. Carnivores
- B. Herbivores
- C. Omnivores
- D. Decomposers**

20 Which of the following is an abiotic component?

- A. Soil
- B. Animals
- C. Plants
- D. Microorganisms

ANSWER KEY

- 1. C
- 2. B
- 3. A
- 4. A
- 5. D
- 6. A
- 7. C
- 8. B
- 9. C
- 10. B
- 11. A
- 12. A
- 13. B
- 14. C
- 15. B
- 16. B
- 17. A
- 18. C
- 19. D
- 20. A