

Class: X  
Subject: Biology  
Topic: Our Environment  
No. of Questions: 20

- Q1. The \_\_\_\_\_ constitute the fourth trophic level.
- a) producers
  - b) herbivores
  - c) carnivores
  - d) top carnivores
- Q2. From the autotrophs, the energy goes to the \_\_\_\_\_ and then finally to the \_\_\_\_\_.
- a) heterotrophs and producers
  - b) carnivores and omnivores
  - c) heterotrophs and decomposers
  - d) producers and decomposers
- Q3. A group of interbreeding individuals forms a \_\_\_\_\_.
- a) community
  - b) species
  - c) ecosystem
  - d) population

- Q4. \_\_\_\_\_ is the abiotic component of a pond ecosystem.
- a) Fish
  - b) Frog
  - c) Water
  - d) Bacteria
- Q5. Which of the following substances is not recycled in nature?
- a) Nitrogen
  - b) Water
  - c) Sodium
  - d) Carbon
- Q6. Which of the following options is not the component of an ecosystem?
- a) Plant
  - b) Soil
  - c) Sunlight
  - d) Biome
- Q7. The organisms which consume both plant as well as animal products are known as \_\_\_\_\_.
- a) herbivores
  - b) carnivores
  - c) piscivores
  - d) omnivores

- Q8. \_\_\_\_\_ is not an example of ecosystem.
- a) Aquarium
  - b) Pond
  - c) Desert
  - d) Air
- Q9. In which trophic level are herbivores found?
- a) First
  - b) Second
  - c) Third
  - d) Fourth
- Q10. Which of the following ecosystems is natural?
- a) Crop field
  - b) River
  - c) Aquarium
  - d) Park
- Q11. The accumulation of non-biodegradable substances at each trophic level is referred as \_\_\_\_\_.
- a) food web
  - b) biological magnification
  - c) decomposition
  - d) fermentation

- Q12. Organisms in an area interact with the non-living constituents of the environment to form a/an \_\_\_\_\_.
- a) ecosystem
  - b) biome
  - c) trophic level
  - d) biotic factor
- Q13. Man belongs to the \_\_\_\_\_ category of consumers.
- a) herbivores
  - b) carnivores
  - c) omnivores
  - d) parasites
- Q14. Which of the following organisms can synthesise their food by the process of photosynthesis?
- a) Algae
  - b) Fungi
  - c) Virus
  - d) Zooplankton
- Q15. The trophic levels represent the steps in a/an \_\_\_\_\_.
- a) community
  - b) food chain
  - c) ecosystem
  - d) biosphere

- Q16. Which of the following options is a phytoplankton?
- a) Bacteria
  - b) Algae
  - c) Fungi
  - d) Protozoa
- Q17. Which of the following options is a primary consumer?
- a) Deer
  - b) Plant
  - c) Lion
  - d) Fish
- Q18. In which of the following positions can a tiger be placed in a food chain?
- a) Primary consumer
  - b) Producer
  - c) Decomposer
  - d) Tertiary consumer
- Q19. The lowest level of organisation is
- a) cellular level
  - b) ecosystem
  - c) molecular level
  - d) population level

- Q20. The sequence of living organisms in a community in which one organism consumes another with the transfer of food energy is known as \_\_\_\_\_.
- a) food chain
  - b) food web
  - c) ecosystem
  - d) biosphere

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