

## Ecology and ecosystem

### Unit-2

1. The term ecosystem was coined by:  
a) Ernst Haeckel. b) A.G.Tansley. c) Fourier d) H. Reiter.
2. The term ecology was coined by:  
a) Alexander Fleming. b) A.G Tansley. c) Ernst Haeckel. d) H. Reiter.
3. Which of the following fall under functional aspect of Ecosystem:  
a) Producers. b) Climate factors. c) Energy Cycles. d) Micro-consumers.
4. Which of the following fall under structural aspect of Ecosystem:  
a) Saprotrophs. b) Food Chain. c) Evolution. d) Energy Cycles.
5. Ecosystem comprises :  
a) Biotic components, b) Abiotic components, c) both a & b, d) None
6. The study of group of organisms is known as :  
a) Synecology, b) Limnology, c) Autecology, d) Pedology
7. On Earth autotrophic components can directly fix :  
a) Mechanical energy, b) Light energy, c) Chemical energy
8. Which of the following feed on 'detritus' :  
a) Producers, b) Consumers, c) Decomposers
9. A group of individuals of the same species in the given area :  
a) Organisms, c) Community, c) Population, d) None
10. Which of the following are producers in aquatic ecosystems :  
a) Zooplanktons, b) Phytoplanktons, c) Cyanobacteria, d) None of these
11. Energy flow in an ecosystem is :  
a) Multidirectional, b) Bidirectional, c) Unidirectional, d) None of these
12. Grazing animals are primarily found in :  
a) Desert Ecosystem, b) Grassland Ecosystem, c) Forests
13. Amount of rainfall in desert ecosystem is :  
a) More than 100 cms (per year), b) 50-100cms (per year), c) Less than 25 cms (per year)





14. 'Rainforests of the sea' are :  
a) Estuaries, b) Lagoons, c) Coral Reefs, d) Mangroves
15. Which of the following is an important feature of deserts :  
a) Canopy, b) Drought, c) Rainforests, d) Estuaries
16. Benthos are :  
a) that flows with water current  
b) strong swimmers  
c) bottom dwellers  
d) rest or swim on the water surface
17. Prairies (Grassland) are found in :  
a) Australia, b) North America, c) Russia, d) Africa
18. Largest hot desert in the world is :  
a) Mojare, b) Atacama, c) Thar, d) Sahara
19. Process through which an ecosystem tend to change over a period of time :  
a) Energy cycle, b) Ecological succession, c) Ecotone, d) None
20. Special ecosystem in which the water level fluctuates dramatically in different seasons:  
a) Estuaries b) Deltas c) wetland d) Lakes.
21. Immobile, still or stagnant water bodies fall under:  
a) Lotic b) Lentic c) Marine d) None.
22. Amount of rainfall in Savannah type of grasslands:  
a) 0-25 cms. b) 25-50 cms. c) 50-75 cms. d) 75-100 cms.
23. Transfer of :  
a) Food Web, b) Food Pyramid, c) Trophic Level, d) Food Chain
24. Which of the following depends primarily on sunlight :  
a) Grazing food chain, d) Detritus food chain, c) Both
25. Large number of food chains are interlinked to form :  
a) Biome, b) Food web, c) Food pyramid, d) None
26. Veldt Grassland is located in :  
a) Russia, b) South Africa, c) Canada, d) Europe
27. Savana's are found near :  
a) Equator, b) Poles, c) Tropic of Capricorn, d) None



1. (b) . 14. (c) .  
2. (c) . 15. (b)  
3. (c) . 16. (c) .  
4. (a) . 17. (b) .  
5. (c) . 18. (d) .  
6. (a) . 19. (b) .  
7. (b) . 20. (c) .  
8. (c) . 21. (b) .  
9. (c) . 22. (d) .  
10. (b) . 23. (d) .  
11. (c) . 24. (d) .  
12. (b) . 25. (b) .  
13. (c) . 26. (b) .  
27. (a) .