

11. The relationship between nitrogen fixing bacteria and leguminous plants is an example for
- (a) Parasitism
 (b) Predation
 (c) Mutualism
 (d) Commensalism
12. An example of lotic system
- (a) Pond
 (b) River
 (c) Lake
 (d) Reservoir
13. The term 'Ecology' was coined by
- (a) A.G. Tansley
 (b) Ernst Haeckel
 (c) Aristotle
 (d) Linnaeus
14. The annual rainfall of India _____
- (a) 1194 mm
 (b) 1000 mm
 (c) 900 mm
 (d) 1500 mm
15. An example of an abiotic component
- (a) Plants
 (b) Soil
 (c) Animals
 (d) Bacteria
16. What is lentic habitat ?
- (a) Running water habitat
 (b) Standing or still water habitat
 (c) Marine habitat
 (d) None
17. The total number of oceans present in the world _____
- (a) 4
 (b) 5
 (c) 6
 (d) 7
18. Acid rain contains
- (a) sulphur dioxide
 (b) Hydrochloric acid
 (c) Oxalic acid
 (d) Acetic acid
19. The gas which is mainly responsible for ozone layer depletion is _____
- (a) CFC
 (b) CO₂
 (c) NO₂
 (d) SO₂
20. The source of methane gas to the environment is _____
- (a) Paddy field and biogas
 (b) Deforestation
 (c) Automobiles
 (d) Vehicles

Q.2 Do as Directed.

A. Define the following. (Any five out of seven)

(05)

1. Environmental Science
2. Ecosystem
3. Biodiversity
4. Ecology
5. Lithosphere
6. Eutrophication
7. deforestation

B. Answer the following. (Any five out of seven)

(05)

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|----------------------|-----------------------|
| 1. Natural resources | 2. Biodegradable |
| 3. Forest | 4. Food chain |
| 5. Food web | 6. Ecological pyramid |
| | 7. Deforestation |

Q.3 Write short notes. (Any five out of six)

(10)

1. Diagram of Food Chain
2. carbon cycle.
3. Soil Pollution
4. Renewable and non-renewable resources
5. wetland ecosystem
6. ecological pyramid

Q.4 Long Questions/Example (Attempt any three out of four)

(15)

1. Explain the effect of global warming?
2. what is pollution? explain
3. What is biodiversity? threats of biodiversity
4. Explain aquatic ecosystem .