



- 12 The crop which takes nitrogen in the form of ammonia \_\_\_\_\_  
 a) Cotton c) Paddy  
 b) Wheat d) Carrot
- 13 The place receives highest rainfall in the world located at \_\_\_\_\_  
 a) Agumbe c) Mousinram  
 b) Kerala d) Verkoyansk
- 14 The annual rainfall of India \_\_\_\_\_  
 a) 1194 mm c) 900 mm  
 b) 1000 mm d) 1500 mm
- 15 The mining which is used to extract the diamond from the earth \_\_\_\_\_  
 a) Strip mining c) Sub surface method  
 b) Surface mining d) Open pit method
- 16 For water bodies which method of mining is used mainly to extract the sand \_\_\_\_\_  
 a) Strip mining c) Dredging  
 b) Surface mining d) Open pit method
17. The total number of oceans present in the world \_\_\_\_\_  
 a) 4 c) 6  
 b) 5 d) 7
18. The molecular formula of ozone is \_\_\_\_\_  
 a) O<sub>2</sub> c) O<sub>4</sub>  
 b) O<sub>3</sub> d) O
19. The gas which is mainly responsible for ozone layer depletion is \_\_\_\_\_  
 a) CFC c) NO<sub>2</sub>  
 b) CO<sub>2</sub> d) SO<sub>2</sub>
20. The source of methane gas to the environment is \_\_\_\_\_  
 a) Paddy field and biogas c) Automobiles  
 b) Deforestation d) Vehicles

**Q.2 Do as Directed.**

**A. Define the following. (Any five)**

**(05)**

1. Natural resources
2. Non-Renewable energy
3. Hydrosphere
4. Food chain
5. Food web
6. Ecological pyramid
7. Aforestation

**B. Answer the following. (Any Five)**

**(05)**

1. Environmental science
2. Ecosystem
3. Biodiversity
4. Unconfined aquifer
5. Aquifer
6. Biosphere
7. Endemic species

**Q.3 Write short notes. (Any five)**

**(10)**

1. Explain the structure of an ecosystem
2. Give the importance of forest ecosystem
3. Give graphical representation of ground water system.
4. Explain the classification of ecosystem
5. Explain the functions of forest resources.
6. Explain the mineral resources.

**Q.4 Attempt any Three/Long Questions/Example**

**(15)**

1. Define mining? And explain the types of mining.
2. Explain the grassland characteristics and structure of ecosystem with an example? And give food chain in the grassland ecosystem.
3. Explain the effect of global warming? How agricultural activities increasing global warming.
4. Define hotspot? Mention hotspots in India? Explain the uses of biosphere reserve.