

**BA LLB
SECOND SEMESTER
ENVIRONMENTAL STUDIES
BLB - 201**

(USE SEPARATE ANSWER SCRIPTS FOR OBJECTIVE & DESCRIPTIVE)

Duration: 3 hrs.

Full Marks: 70

Time: 20 min.

(PART-A: Objective)

Marks: 20

Choose the correct answer from the following:

1×20=20

1. Biotic components include
 - a. Autotrophs
 - b. Soil
 - c. Sunlight
 - d. All
2. rain is a mixture of
 - a. uric acid (H₂SO₄)
 - b. Nitric acid (HNO₃)
 - c. e
 - d. Both (a) & (b)
3. acid rain is
 - a. Less than 5.6
 - b. 0
 - c. 0-14
 - d. More than 7.5
4. The word Ecosystem was coined by
 - a. A.G. Tansley
 - b. Thomas Carlyle
 - c. C.E. Elton
 - d. Ernst Haeckel
5. How many goals are there in Sustainable Development Goals?
 - a. 22
 - b. 17
 - c. 8
 - d. 30
6. An ozone molecule is made up by how many Oxygen atoms?
 - a. 4
 - b. 2
 - c. 3
 - d. 1
7. Which of the following is not a green house gas?
 - a. CO₂
 - b. CFC
 - c. CH₄
 - d. CO
8. During photosynthesis trees produce
 - a. Carbon dioxide
 - b. Oxygen
 - c. Methane gas
 - d. All of the above
9. How many Biodiversity hotspots are there in India
 - a. 8
 - b. 21
 - c. 4
 - d. 3

10. Thar is an example of
a. Hot desert
c. Grassland
b. Cold desert
d. Aquatic ecosystem
11. The shape of pyramid of energy is
a. Inverted
c. Both (a) and (b)
b. Upright
d. None
12. The 10 percent law was give by
a. Linnaeus
c. Ernst Haeckal
b. Darwin
d. Lindemann
13. Renewable resources are
a. Inexhaustible
c. Non renewable
b. Exhaustible
d. All of the above
14. According to the New Forest Policy, the geographical area of India under forest should be
a. 24%
c. 22%
b. 9%
d. 33%
15. In India, grasslands are also known as
a. Prairies
c. Pampas
b. steppes
d. Savanna
16. Blue-baby syndrome occurs by the contamination of
a. Carbon dioxide
c. Methane
b. Nitrate
d. Ozone
17. In an ecosystem, flow of energy is
a. Cyclic
c. Unidirectional
b. Multidirectional
d. Both (a) and (b)
18. Thermal pollution is related to
a. Air
c. Water
b. Soil
d. Plants
19. Artificial lake is a control measures for
a. Soil pollution
c. Water pollution
b. Air pollution
d. Thermal pollution
20. Total number of Biogeographic zones in India
a. 13
c. 20
b. 10
d. 4

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(PART-B : Descriptive)

Time : 2 hrs. 40 min.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. What do you mean by ecosystem? Explain structure and functions of ecosystem 2+4+4=10
2. What is acid rain? Describe its causes, consequences and control measures. 1+3+3+3=10
3. What are the criteria's for hotspot? Write about the methods of biodiversity conservation? 3+7=10
4. What is Air pollution? What are the sources, effects and control measures of air pollution? 2+8=10
5. What are the different resources? Write about importance and threats of forest resource. 3+3+4=10
6. Write shorts notes on: 5+5=10
 - a) Greenhouse effect
 - b) Noise pollution
7. Describe the two types of food chains with examples. Describe food web with a diagrammatic representation. 4+6=10
8. What are the role of a student in prevention of pollution? Elaborate. 10

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