

Seat No:

[0607]/CMVEC118/2025/BBACM\_SEM1

FYBBACM (First Semester) Examination, 2025  
CMVEC118 - ENVIRONMENTAL SCIENCE - I  
(2024 Pattern)

Time: 1 Hour

Maximum Marks: 25

Instructions: -

- (i) Select Correct Options  
(ii) All questions are compulsory.

- Q1. Environmental Studies is a \_\_\_\_\_ discipline. [1]  
a. Single  
b. Multidisciplinary  
c. Narrow  
d. Theoretical
- Q2. The term 'Environment' includes \_\_\_\_\_. [1]  
a. Only Living Things  
b. Only non-living things  
c. Both living and non-living things  
d. None of the above
- Q3. Sustainable development means \_\_\_\_\_. [1]  
a. Unlimited use of resources  
b. Development that meets present needs without compromising future generations  
c. Ignoring environmental balance  
d. Economic growth only
- Q4. Which of the following is not a component of the environment? [1]  
a. Atmosphere  
b. Hydrosphere  
c. Lithography  
d. Biosphere
- Q5. The main objective of Environmental Studies is to \_\_\_\_\_. [1]  
a. Exploit resources  
b. Study chemistry only  
c. Create awareness and find sustainable solutions to environmental issues  
d. Focus only on wildlife

- Q6. An ecosystem includes \_\_\_\_\_ [1]  
a. Only plants and animals  
b. Only abiotic components  
c. Both biotic and abiotic components  
d. Only decomposers
- Q7. Energy flow in an ecosystem is \_\_\_\_\_. [1]  
a. Unidirectional  
b. Cyclic  
c. Reversible  
d. Random
- Q8. Which of the following represents the correct food chain? [1]  
a. Grass → Deer → Tiger  
b. Tiger → Deer → Grass  
c. Deer → Grass → Tiger  
d. Tiger → Grass → Deer
- Q9. The sequence of communities that replace one another in an ecosystem over time is called \_\_\_\_\_. [1]  
a. Energy flow  
b. Ecological succession  
c. Food web  
d. Biome formation
- Q10. Which ecosystem has the highest biodiversity? [1]  
a. Desert ecosystem  
b. Grassland ecosystem  
c. River ecosystem  
d. Forest ecosystem
- Q11. In a pond ecosystem, primary producers are \_\_\_\_\_. [1]  
a. Fish  
b. Zooplankton  
c. Phytoplankton  
d. Bacteria
- Q12. Which of the following is not an aquatic ecosystem? [1]  
a. Lake  
b. Forest  
c. Pond  
d. River
- Q13. Which of the following is a non-renewable resource? [1]  
a. Solar  
b. Wind  
c. Coal  
d. Biomass

- Q14. Soil erosion can be controlled by \_\_\_\_\_ [ 1 ]
- a. Overgrazing
  - b. Afforestation
  - c. Deforestation
  - d. Mining
- Q15. Which of the following is a consequence of deforestation? [ 1 ]
- a. Soil conservation
  - b. Increase in rainfall
  - c. Loss of biodiversity
  - d. Prevention of floods
- Q16. Construction of dams often leads to \_\_\_\_\_ [ 1 ]
- a. Reduced biodiversity
  - b. Tribal displacement
  - c. Changes in water flow
  - d. All of the above
- Q17. Which of the following is a renewable energy source? [ 1 ]
- a. Petroleum
  - b. Coal
  - c. Solar energy
  - d. Natural gas
- Q18. Desertification is mainly caused by \_\_\_\_\_ [ 1 ]
- a. Afforestation
  - b. Overgrazing and deforestation
  - c. Proper irrigation
  - d. Organic farming
- Q19. The variety of life forms in an area is called \_\_\_\_\_ [ 1 ]
- a. Ecology
  - b. Biodiversity
  - c. Pollution
  - d. Evolution
- Q20. Which of the following is not a level of biodiversity? [ 1 ]
- a. Genetic diversity
  - b. Species diversity
  - c. Ecosystem diversity
  - d. Atmospheric diversity
- Q21. India is divided into how many biogeographic zones? [ 1 ]
- a. 8
  - b. 10
  - c. 11
  - d. 15

- Q22. Which of the following is a biodiversity hotspot in India? [ 1 ]
- a. Thar Desert
  - b. Western Ghats
  - c. Gangetic Plains
  - d. Indo-Gangetic Plain
- Q23. Endemic species are those that \_\_\_\_\_. [ 1 ]
- a. Are found only in a particular region
  - b. Are found all over the world
  - c. Are recently discovered
  - d. Are introduced by humans
- Q24. Major threat to biodiversity is \_\_\_\_\_. [ 1 ]
- a. Controlled breeding
  - b. Habitat destruction
  - c. Ecotourism
  - d. Natural selection
- Q25. Ex-situ conservation involves \_\_\_\_\_. [ 1 ]
- a. Protecting species in their natural habitat
  - b. Conservation outside the natural habitat
  - c. Conserving forests only
  - d. Removing animals from sanctuaries

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