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Central Tribal University of Andhra Pradesh
Semester End Examination – June/July-2024

Name of the Program: UG (Botany / Chemistry / Geology / BBA / AI)

Name of the Course : Environmental Science

Course Code: VAC151

Semester: II

Max. Time: 3 Hours

Max. Marks: 70

Part-A

Answer the following questions. Each Carries 1 mark

(10qx1m = 10M)

1. Which area is the largest reserve of coal in India?
2. Who are the OPEC countries
3. Who among them is not a softwood: (a) Deodar (b) Cedar (c) Sal(d) Pine
4. Which state is the largest producer of bamboo plant in India?
5. Xerophytes are: (a) Dry Forest or (b) Wet Forest?
6. Food Web is a:
(a) Linear Pattern (b) Complex pattern (c) Cylindrical pattern (d) Spherical pattern
7. Which among them causes land degradation:
(a) Ashes/Smoke (b) Overgrazing (c) Sewage Systems (d) Solid Waste Management
8. What among them does not cause water pollution:
(a) Industrial wastes (b) Water Salinity (c) Poor Sewage systems (d) Oil spills in oceans
9. Which one is not Lentic Aqua System?
(a) Pond (b) Swamps (c) Aquarium (d) Rivers
10. Which one is a Geothermal Power plant?
(a) Tarapore (b) Puga (c) Kakrapur (d) Makum

Part-B

Answer any four short answer questions each question carries 5 marks (4qx5m = 20M)

11. How environmental science can be useful for science subjects like botany, geology, AI etc?
12. Discuss various ways to prevent water pollution.
13. Discuss Acid Rain and its impacts.
14. Discuss how to resolve the problems the environment today is facing in today's time.
15. Discuss the differences between food chain and food web.
16. Describe the linkages and difference between atmosphere and environment.

Part-C

Answer all the long answer questions either A or B each carrying 10 marks (4qx10m = 40M)

- 17 a) Discuss environmental ethics, and its classification.

OR

- b) Discuss various methods of Solid Waste management.

- 18 a) How forest ecosystem is different from the grassland ecosystem? Discuss.

OR

- b) What do you understand by ecological pyramid? What are its different types?

- 19 a) Discuss various mineral resources and their availability.

OR

- b) What do you understand by renewable resources?

- 20 a) Are climate change and global warming different? Discuss your views with proper justification.

OR

- b) How the environment can affect human health. Discuss.