

UTTARANCHAL UNIVERSITY, DEHRADUN
UTTARANCHAL SCHOOL OF COMPUTING SCIENCES
Mid Term Examination 2023-24

BCA | 2nd Semester

ENVIRONMENTAL SCIENCE | BCA – A204

Time: 1:15 Hour

Max. Marks: 30

Note: All questions are compulsory.

Q.1- Answer the following questions. (1x6=6 M)

Multiple Choice Questions

- 1) Soil Erosion can be prevented by (CO-1, BL-2)
 - a. Afforestation
 - b. Overgrazing
 - c. removal of vegetation
 - d. None of these
- 2) The largest ecosystem in the world is (CO-2, BL-3)
 - a. Forests
 - b. Grasslands
 - c. Great lakes
 - d. Oceans
- 3) The main energy source for the environment is (CO-1, BL-2)
 - a. Solar energy
 - b. Chemical energy
 - c. Bioelectric energy
 - d. Electrical energy

State True/ False

- 4) Overexploitation of resources occurs when consumption rate precedes the recharge rate. (CO-1, BL-3)
- 5) The term 'Ecosystem' was first proposed by the British ecologist A.G. Tansley. (CO-2, BL-2)
- 6) Mining causes pollution. (CO-1, BL-2)

Q.2-Write short note on any two (up to 70 words) (2x3 = 6 M)

- a) Causes of landslides and measures for its prevention & mitigation. (CO-1, BL-3)
- b) Need for public awareness on Environment. (CO-1, BL-5)
- c) Energy flow & food chain. (CO-2, BL-3)

Q.3-Attempt any one of the following. (6 x 1 = 6 Marks)

- a) Differentiate renewable & non-renewable resources of energy. (CO- 1, BL-3)

OR

- b) Define Ecosystem. Write its components and examples. (CO- 2, BL-4)

Q.4-Attempt any one of the following. (6 x 1 = 6 Marks)

- a) Differentiate between Temporary Hard Water and Permanent Hard Water (CO- 1, BL-3)

OR

- b) Define Land Desertification Write its causes and effects. (CO- 2, BL-4)

Q.5-Attempt any one of the following. (6 x 1 = 6 Marks)

- a) Differentiate between Afforestation and Deforestation. (CO- 1, BL-3)

OR

- b) Define Pollution. Write its types, causes and effects. (CO- 2, BL-4)