



Seat No. _____

HP-003-1142003
M. Sc. (Botany) (Sem.-II)
(CBCS) Examination
April - 2023
BOT-209 : Environmental Science

Faculty Code : 003
Subject Code : 1142003

Time : **2.30** Hours / Total Marks : **70**

- 1** Answer the following: (any **Seven**) **7×2=14**
- (a) What is EIA?
 - (b) Enlist the plants found in tropical savannah.
 - (c) What is biological hotspot?
 - (d) Define Montreal protocol.
 - (e) What is Biomagnification?
 - (f) Explain trophic levels.
 - (g) What are endemic species?
 - (h) What is parasitism?
 - (i) Define remote sensing.
 - (j) What is overlay method?
- 2** Answer the following: (any **Two**) **2×7=14**
- (a) Briefly discuss about energy flow in ecosystem.
 - (b) Write a short note on ecological succession.
 - (c) Give a brief account on greenhouse effect and ozone layer depletion.
- 3** Answer the following: **2×7=14**
- (a) Write a detailed note in ecological pyramids.
 - (b) Give a brief account on National park and Sanctuaries.

OR

- (a) Discuss about the applications of GIS and remote sensing.
- (b) Exemplify food chain and food web.

4 Answer the following: **2×7=14**

- (a) Write a short note on lithosphere.
- (b) Discuss atmospheric stability in detail.

5 Write a short note on: (any **Two**) **2×7=14**

- (a) Hydrosphere
 - (b) Land pollution
 - (c) Acid rain and global warming
 - (d) Biomes.
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