

437

SECTION -B (ESSAY TYPE QUESTIONS)
(5x10=50 Marks)

1. What do you mean by ecosystem? Explain the structural and functional components of an ecosystem.
2. What do you mean by ecological pyramid? Discuss about different types of ecological pyramids of an ecosystem.
3. What do you mean by 'greenhouse effect'? What are the different green house gases responsible for global warming?
4. What do you mean by ocean acidification? What are the major causes and consequences of ocean acidification?
5. Discuss about ex-situ conservation of biodiversity.
6. Define environmental impact assessment. Discuss the objectives and different steps involved in environmental impact assessment.
7. What are the major sources and effects of E-waste? Discuss about the importance of resource recovery in E-waste management.
8. Discuss the objectives and provisions of environmental protection act in detail.

==END OF PAPER==

2112H012

BACHELOR OF VOCATION
Public Services
Subject: Environment and Ecology
Subject Code: EVS-701
Semester: Fifth
December 2021
Theory (External): 70 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 2 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 10 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number

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SECTION -A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x2=20 Marks)

- A The term ecosystem was coined by
a. A.G. Tansley
b. Edward O. Wilson
c. Darwin
d. Non of the above
- B The second most abundant element in earth crust is
a. Silicon
b. Oxygen
c. Aluminium
d. Iron
- C Which gas is not responsible for ozone depletion
a. N₂O
b. CFCs
c. CCl₄
d. CO₂
- D Which one green house gas has highest global warming potential (GWP) among the followings
a. CO₂
b. CH₄
c. N₂O
d. SF₆
- E _____ is one of the most prevalent hotspots of biodiversity in India
a. Himalayas
b. Western Ghats
c. Ganges
d. Non of the above
- F _____ is an example of in-situ conservation of biodiversity.
a. Sacred Groves
b. Gene Bank
c. Seed Bank
d. Social Forest
- G Which air pollutant is not released from the agricultural activities
a. N₂O
b. CH₄
c. CFCs
d. Non of the above
- H Dissolved oxygen (DO) is a qualitative parameter to check the level of
a. Air pollution
b. Water pollution
c. Soil Pollution
d. Non of the above
- I Which of the following state has the Ramsar Wetland Site named 'Deepor Beel (Dipor Bil)'
a. West Bengal
b. Assam
c. Chhattisgarh
d. Odisha
- J When is the first commitment period for the Kyoto Protocol expired?
a. 2007
b. 2010
c. 2012
d. 2015