

2209H014

- 4 What do you mean by ozone depletion? What are the major sources of ozone depleting substances (ODS)?
- 5 Discuss about in-situ conservation of biodiversity.
- 6 Discuss the objectives and different steps involved in environmental impact assessment.
- 7 Discuss different problems associated with E-waste. Write about different control measures of E-waste.
- 8 What do you mean by sustainable development goals (SDGs)? Discuss about different SDGs.

END OF PAPER

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B.Voc Public Services
Subject: Environment and Ecology
Subject Code: EVS-701
Semester: Fifth
September 2022
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. Biosphere comprises
- Lithosphere
 - Hydrosphere
 - Atmosphere
 - All of the above
- B. The most abundant element in earth crust is
- Silicon
 - Oxygen
 - Aluminium
 - Iron
- C. Ozone holes are more prominent at
- Equator
 - Tropic of Cancer
 - Poles
 - Tropic of Capricorn
- D. Which one green house gas has least global warming potential (GWP)
- CO₂
 - CH₄
 - N₂O
 - CFCs
- E. _____ is one of the most prevalent hotspots of biodiversity in India
- Himalayas
 - Western Ghats
 - Ganges
 - Non of the above
- F. _____ is an example of an ex-situ conservation.
- Sacred Groves
 - Wildlife Sanctuary
 - Seed Bank
 - National Park

- G. The type of pollution which is likely to affect Taj Mahal in Agra to a greater extent is
- Air pollution
 - Water pollution
 - Soil Pollution
 - All of the above
- H. Chemical Oxygen Demand (COD) is a qualitative parameter to check the level of
- Air pollution
 - Water pollution
 - Soil Pollution
 - Non of the above
- I. India is a party to Ramsar Convention since
- 1971
 - 1975
 - 1981
 - 1985
- J. When is the first commitment period for the Kyoto Protocol expired?
- 2007
 - 2010
 - 2012
 - 2015

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

- Define the term ecosystem. Explain the functional components of an ecosystem.
- What do you mean by ecological succession? Write about different stages of ecological succession.
- Define 'global warming'. What are the different green house gases responsible for global warming?