



DE-1296

**M. Sc. (Sem. I) (Environmental Science)
Examination**

March / April – 2016

**ENS - 101 : Fundamental of Environmental
Science & Ecology**

Time : Hours]

[Total Marks : 70

Instructions :

(1) नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य कपनी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
M. SC. (SEM. I) (ENVIRONMENTAL SCIENCE)

Name of the Subject :
ENS : 101 - FUNDAMENTAL OF ENVIRONMENTAL SCIENCE & ECOLOGY

Subject Code No. : 1 2 9 6 Section No. (1, 2,.....): Nil

Seat No. :
[] [] [] [] [] []

Student's Signature

(2) Figures to the right side indicate full marks.

(3) Draw neat and labelled diagrams wherever necessary.

1: Attempt Any Two: (18)

- Discuss Composition of atmosphere and explain characteristics of different layer of atmosphere.
- Explain arid and semi-arid habitats of India
- What ozone layer and ozone hole? What are the causes of ozone depletion?

2: Attempt Any Two: (18)

- "Nuclear Energy is a source of future energy" Why?.
- What are the alternative sources of energy? Differentiate between renewable and non-renewable energy resources.
- Discuss a descriptive note on Ozone depletion .

3: Attempt Any Two: (18)

- State the definition of Ecology. Write a note on scope and applications of ecology. Also explain matter and energy in the environment.
- Explain Energy flow Model in detail.
- Explain the reasons for wildlife loss in India and role of local community in wildlife management.

- 4: Attempt Any Two: (16)
- (a) Explain arid and semi-arid habitats of India
 - (b) What is ecological pyramid? justify the statement “Energy pyramid is always upright”.
 - (c) Define community and also discuss features of communities in detail.
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