

**First Year B.A./B.Sc./B.Com./B.B.M., B.C.A.,
Degree Examinations**

August / September 2010

(Directorate of Correspondence Course)

(Freshers)

ENVIRONMENTAL SCIENCE

Time : 3 hrs]

[Max. Marks : 80

Note :

1. **Draw diagram wherever necessary.**
2. **Answer question No.1 in first two pages of the answer book.**

I. **Explain / Define the following in one or two sentences** **10 X 1 = 10 Marks**

1. Biosphere.
2. Land Slide.
3. Autotrophs.
4. Species diversity.
5. Floods.
6. Occupational noise.
7. Sustainable development.
8. *Jatropha* Cultivation.
9. Value education.
10. Intellectual Property Right.



II. **Short Answer Question. Answer any FIVE of the followings.** **5 X 3 = 15 Marks**

1. Causes of environmental degradation.
2. Multidisciplinary nature of environmental science.
3. Fundamental principles of the environment.
4. Purposes of dam construction.
5. Functional components of an ecosystem.
6. Major incidences of man – wildlife conflicts.
7. Any three major impact of population explosion.

III. Medium Answer questions. Answer any SEVEN of the following.

7 X 5 = 35 Marks

1. Sustainable utilization of resources.
2. World food problems.
3. Differentiate primary and secondary production.
4. Importance of national parks and bioreserves in India.
5. Major threats to biodiversity.
6. Sources and management of solid waste.
7. Effects of use of plastics.
8. Green house effects of global warming.
9. Influence of any two major environmental movements.

IV. Long Answer questions. Answer any TWO of the following. 2 X 10 = 20 Marks

1. Discuss the importance of Public Awareness Programmes.

OR

Explain the following.

- a) Wind energy
 - b) Project Tiger
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2. "Population explosion threatens the global environmental balance". Discuss

OR

Explain the following.

- a) Ecological Pyramids
- b) Flood Management.

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