

END TERM EXAMINATION

SIXTH SEMESTER [BBA] MAY-JUNE-2015

Paper Code: BBA312

Subject: Environmental Science

BBA(MOM)312

Time : 3 Hours

Maximum Marks :75

Note: Attempt all five questions as directed. Internal choice is indicated.

- Q1. a) Indus Water Treaty is in between (2)
- (i) India and Bangladesh
 - (ii) India and Afghanistan
 - (iii) India and China
 - (iv) India and Pakistan
- b) The major greenhouse gas is: (2)
- (i) CFC
 - (ii) CO₂
 - (iii) CO
 - (iv) Freon
- c) The state of India with maximum percentage of its area covered by forests is: (2)
- (i) Rajasthan
 - (ii) Bihar
 - (iii) Karnataka
 - (iv) Madhya Pradesh
- d) Percentage of the volume of fresh water available for human use in the hydrosphere. (2)
- (i) 0.3
 - (ii) 1.7
 - (iii) 1.3
 - (iv) 2.5
- (e) World Environment Day is celebrated on: (2)
- (i) September 5
 - (ii) July 5
 - (iii) June 5
 - (iv) May 5
- f) Major coal resources in India are located in: (2)
- (i) Himalayas
 - (ii) Central and Eastern India
 - (iii) South India
 - (iv) Western India
- g) Major component of biogas is: (2)
- (i) Butane
 - (ii) Methane
 - (iii) Propane
 - (iv) Ethane

- h) Scientist known as “Father of Green Revolution” in India is: **(2)**
(i) B.P. Pal
(ii) M.S. Swaminathan
(iii) T.N. Khosoo
(iv) Norman E. Borlaug

- i) Write short notes on the following:- **(9)**
(i) Stockholm conference
(ii) Kyoto protocol
(iii) Sustainable development

Q2. Define ecosystems and elaborate various kinds of ecosystem. **(12.5)**

Or

Elucidate on sustainability development by elaborating its social, economic and environmental aspects. **(12.5)**

Q3. Explain baseline studies in EIA with examples. **(12.5)**

Or

Give salient features of Environmental protection acts. **(12.5)**

Q4. Classify air pollutions into different categories indicating their sources and effect on human health. **(12.5)**

Or

Discuss major sources of groundwater and surface water pollution citing examples. Also discuss various methods of water conservation. **(12.5)**

Q5. Explain solid waste management. What are the precautions to be taken to manage hazardous and biomedical waste? **(12.5)**

Or

Define various levels of biodiversity in terms of genetic, species and ecosystem diversities. **(12.5)**