

BPA/BFA/B.Voc.Design I Semester &  
B.A./B.A.Hons.(For Back student) EXAM. DEC-2018

**ENVIRONMENTAL STUDIES**

**Time: 3 Hrs.**

**Max. M. 70 Min.M. 23 (BFA/BVOC/B.A.)**

**Max. M. 70 Min.M. 25 (BPA/B.A.(Hons.))**

Note : All questions are compulsory.

UNIT-1

1. What is environment? Describe the objects and importance of environmental studies. 10

OR

Describe the followings in brief:-

- (a) Deforestation and their effects  
(b) Drought : Causes and control measures.

UNIT-2

2. What are energy resources? What are their types? Describe the methods of conservation and management of energy resources. 10

OR

Write a note on the role of a common man in conservation of Natural Resources.

UNIT-3

3. Explain the Ecosystem. 10

OR

Describe the following in brief:-

- (a) Food Chain (b) Forest Ecosystem.

UNIT-4

4. Describe any three from the followings in brief:- 15

- (a) Types of biodiversity  
(b) Bio-geographical - Himalayan Mountain System.  
(c) Value of biodiversity.  
(d) Biodiversity : National Level  
(e) Endemic Flora and Fauna species of India.

UNIT-5

5. Describe the threats of biodiversity. 10

OR

Explain various methods of conservation of biodiversity.

6. Choose the correct answer for the followings:- 15

- (1) Abiotic component - a-Land b- Man c-Green Plants d-Animal  
 (2) Biotic component - a-Water b-Animal c-Land d-Air  
 (3) Non renewable source of energy - a-Nuclear energy b-Petro Plants c-Biogas d- Plant Biomass  
 (4) Alternative resources of energy - a-Biogas b- Coal c- Mineral oil d- Nuclear energy  
 (5) Producers - a-Green Plants b-Animals c- Man d-Micro organism  
 (6) Endangered Plant(Flora) of India - a-Cinchona ledgeriana b- Mango c- Teak d-Tamarind  
 (7) Environment Day - a-26 January b-5 June c-11 July d-15 August  
 (8) Decomposers - a-Micro-organism b-Hare c-Mouse d-Squirrel  
 (9) Which one of the followings is not an 'In-Situ' conservation method?  
 - a-Zoo b-National Parks c-Biosphere Reserves d- Sanctuaries  
 (10) Which one of the following areas in India, is a Hot Spot of biodiversity?  
 - a-Sunderbans b- Eastern Ghats  
 c- Western Ghats d- Gangetic Plain

- (11) Which one of the followings is not an 'Ex-Situ' conservation method?  
 - a-National Parks b- Botanical Gardens  
 c- Zoo d- Seed Bank  
 (12) Both power & manure are provided by:-  
 - a- Thermal Plant b-Nuclear Plant c-Biogas Plant  
 d- Hydro electric Plant  
 (13) Which one of the followings is a major raw material for biogas:-  
 - a- Plant Leaves b-Mud c-Cow dung d-Grass  
 (14) Atomic energy is obtained by using ores of:-  
 - a- Copper b-Uranium c-None of these  
 d-All of these  
 (15) Which one of the followings is not a fossil fuel?  
 - a-Uranium b-Petrol c-Coal d-Natural Gas