

BPA/BFA/B.Voc.Design FIRST YEAR EXAM. 2023

ENVIRONMENTAL STUDIES**Time: 3 Hrs.**

Note : All questions are compulsory.

Max. M. 70 Min.M. 23 (BFA)
 Max. M. 70 Min.M. 25 (BPA)
 Max. M. 60 Min.M. 20 (B.VOC. Design)

UNIT-1

1. Write a note on any three of the following:

BFA/BPA/- 15
 BVOC DESIGN-12

- i. Definition of environment, aim and importance of environmental studies.
- ii. Over-exploitation of forest resources
- iii. Growing energy need
- iv. World food problem
- iv. Land degradation

UNIT-2

2. Describe Forest eco system and Aquatic ecosystem.

BFA/BPA/- 10
 BVOC DESIGN-9

OR

Describe the structure and functions of ecosystem.

UNIT-3

3. With reference to the value of biodiversity, explain 'Consumptive use value' and 'Productive use value' with example.

BFA/BPA/- 10
 BVOC DESIGN-8

OR

Explain various methods of conservation of biodiversity.

UNIT-4

4. Write a note on any two of the following:

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 BVOC DESIGN-8

- i. Air pollution
- ii. Role of an individual in prevention of pollution
- iii. Population explosion

UNIT-5

5. Write an essay on value education and environment.

BFA/BPA/- 10
BVOC DESIGN-8

OR

Write an essay on Acquired Immuno Deficiency Syndrome (AIDS).

6. Choose the correct answer:-

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(1) Abiotic component:-

(a) Land (b) Man (c) Green plant (d) Animal

(2) Which of the following is not an agriculture based industry?

(a) Khadi Udyog (b) Woolen Industry (c) Masala Industry (d) Edible Oil Industry

(3) What is the mutual connection between multiple food chain called?

(a) Food group (b) Food contact (c) Food web (d) Trophic level

(4) Biotic component:-

(a) Water (b) Animal (c) Land (d) Air

(5) Non renewable sources of energy:-

(a) Nuclear energy (b) Petro plants (c) Biogas (d) Plant biomass

(6) Alternative sources of energy:-

(a) Biogas (b) Coal (c) Mineral oil (d) Nuclear energy

(7) Population can be controlled by:

Statement – I: Women's education, sex education and awareness.

Statement – II: Using Copper-T and contraceptive pills.

Statement – III: Promoting the use of condoms.

(a) Only statement I is correct.

(b) Statements I and II are correct.

(c) Statements I and III are correct.

(d) All the three statements are correct.

(8) Environmental Day:-

(a) 26 January (b) 5 June (c) 11 July (d) 15 August

(9) Decomposers:-

(a) Micro organism (b) Hare (c) Mouse (d) Squirrel

(10) Which one of the followings is not a fossil fuel:-

(a) Uranium (b) Petrol (c) Coal (d) Natural gas

(11) Which one of the following is a natural disaster:-

(a) Earth quake (b) Nuclear waste (c) Plastic waste (d) Nuclear Hazards

(12) Which one of the following is not a natural disaster:-

(a) Nuclear Hazards (b) Flood (c) Cyclone (d) Land slide

(13) Percentage of Carbon Dioxide gas (CO₂) in fresh air:-

(a) 20.94 (b) 0.03 (c) 78.90 (d) 0.20

(14) Noise intensity is measured in:-

(a) Meter (b) Litre (c) Decibel (db) (d) Ampere

(15) H.I.V. Spreads from person to person through:-

(a) Sexual Contact (b) Air (c) Food (d) Touching of bodies