

BACHELOR OF SCIENCE (CARDIOVASCULAR TECHNOLOGY) (CBCS - 2020 COURSE)
B. Sc. (Cardiovascular Technology) Sem - II : WINTER :- 2021
SUBJECT: ENVIRONMENT STUDIES

Day : Tuesday
Date 25-01-2022

W-23336-2021

Time : 10:00 AM-01:00 PM
Max. Marks: 60

N.B.:

- 1) There are **THREE** sections as
Section- A = Objective Type questions - 20 marks.
Section- B = Long Answer questions - 20 marks.
Section- C = Short Answer questions - 20 marks.
- 2) Section A is given **SEPARATE** sheet and has to be answered on same sheet.
- 3) Section B has four long questions and **ANY TWO** questions have to be answered.
- 4) Section C has six short questions and **ANY FOUR** questions have to be answered.
- 5) You have to make ✓ such kind of mark in the box of the appropriate answers.

Seat No.: _____

SECTION-A

M.C.Q's

Q.1 The percentage of Oxygen in the atmosphere is _____

- a) 79
- b) 21
- c) 97
- d) 3

Q.2 The establishment of a forest or strand of trees in an area where there was no previous tree cover is called as _____

- a) Restoration
- b) Afforestation
- c) Deforestation
- d) Reforestation

Q.3 The Terai is an example of a _____ ecosystem.

- a) Grassland
- b) Desert
- c) Mangrove
- d) None of the above

Q.4 The pyramid of energy is always _____

- a) Inverted
- b) Upright
- c) Both of the above
- d) None of the above

P.T.O.

Q.5 The Areas that are rich in species diversity are called as _____

- a) Biodiversity hotspots ☐
- b) Biogeographic zones ☐
- c) Species diversity ☐
- d) None of the above ☐

Q.6 Which of the following is the best example of a keystone species?

- a) Deer ☐
- b) Tiger ☐
- c) Nilgai ☐
- d) Jungle fowl ☐

Q.7 Which of the following are fundamental ways in which noise can be controlled?

- a) Reduce noise the source ☐
- b) Block the path of noise ☐
- c) Use of Dolby speakers ☐
- d) Both a and b ☐

Q.8 Which of the following are integrated waste management strategies?

- a) Source reduction ☐
- b) Recycling ☐
- c) Disposal ☐
- d) All of the above ☐

Q.9 Any activity that is expected to bring about economic growth must also consider its environmental impacts so that it is more consistent with the long-term growth and development. This is called as _____

- a) Economic development ☐
- b) Environmental protection ☐
- c) Sustainable development ☐
- d) Unsustainable development ☐

Q.10 In India, people move to cities from rural areas in the hope of getting better income. This is the _____

- a) Push factor ☐
- b) Pull factor ☐
- c) Both of the above ☐
- d) None of the above ☐

Total Marks Obtained: _____

Signature of Invigilator

Signature of Examiner

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 - 4) Answer to both the sections should be written in **SAME** answer book.
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SECTION-B

Long Answer (Attempt ANY TWO): **(20)**

- 1) Explain the multidisciplinary nature of Environmental Science.
- 2) Describe five threats to water resources in detail.
- 3) Write a note on ecological pyramids.
- 4) What is Sustainable Development? Explain with an example.

SECTION-C

Short Answer (Attempt ANY FOUR): **(20)**

- 1) What are the types of Ecological Succession?
- 2) State biodiversity hotspots of India.
- 3) Write a short note on Solid Waste Management.
- 4) Give causes and effects of noise pollution.
- 5) What are the threats to land resources?
- 6) Define Global Warming.

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