

BACHELOR OF SCIENCE (RADIOLOGY & IMAGING TECHNOLOGY) (CBCS-2019 COURSE)
B.Sc. (R&IM) Sem-II : WINTER :- 2021
SUBJECT: ENVIRONMENT STUDIES

Day : Tuesday
Date 25-01-2022

W-21621-2021

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

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 \surd 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) Bothe 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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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 B has four long questions and **ANY TWO** questions have to be answered.
 - 3) Section C has six short questions and **ANY FOUR** questions have to be answered.
 - 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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