

BACHELOR OF SCIENCE (RADIOLOGY & IMAGING TECHNOLOGY) (CBCS-2019 COURSE)

**B.Sc. (R&IM) Sem-II :SUMMER- 2022
SUBJECT : ENVIRONMENT STUDIES**

Day : Monday
Date : 25-07-2022

S-21621-2022

Time : 10:00 AM-12:00 PM
Max. Marks : 40

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagrams wherever necessary.

Q.1 Answer the following : **(10)**

- a) ----- is an example of abiotic factor.
 - i) Plant
 - ii) Bacteria
 - iii) Water
 - iv) Wild animal
- b) EIA is related to -----.
 - i) Ecological impact assessment
 - ii) Environmental impact assessment
 - iii) Energy impact assessment
 - iv) Evaluation of impact assessment
- c) Thermal pollution is related to -----.
 - i) Air pollution
 - ii) Land pollution
 - iii) Water pollution
 - iv) Soil pollution
- d) Forest ecosystem is an example of -----.
 - i) Marine ecosystem
 - ii) Terrestrial ecosystem
 - iii) Aquatic ecosystem
 - iv) Artificial ecosystem
- e) The Environmental Protection Act came into force in -----.
 - i) 1984
 - ii) 2000
 - iii) 1990
 - iv) 1986
- f) ----- is a herbivore animal.
 - i) Deer
 - ii) Hyena
 - iii) Tiger
 - iv) Lion
- g) Ozone layer depletion is caused by -----.
 - i) Chlorofluorocarbons
 - ii) Nitrogen
 - iii) Water vapor
 - iv) Hydrogen
- h) ----- is an example of bio fertilizer.
 - i) Blue-green algae (cyanobacteria)
 - ii) Ammonium nitrate
 - iii) Potassium sulfate
 - iv) Ammonium phosphate
- i) Detritus food chain starts with the -----.
 - i) Plants
 - ii) Animals
 - iii) Dead organic matter
 - iv) Organic matter
- j) ----- is an example of Ex-situ conservation.
 - i) Botanical garden
 - ii) Sanctuary
 - iii) National park
 - iv) Biosphere reserve

P.T.O.

Q.2 Answer the following (**ANY FIVE**) : **(10)**

- a) Define and explain food chain.
- b) What is carbon cycle?
- c) What are mineral resources?
- d) Define sustainable development.
- e) What is consumerism?
- f) Define species diversity.

Q.3 Answer the following (**ANY TWO**) : **(20)**

- a) What is desert ecosystem? Discuss the threats to desert ecosystem. Explain the conservation measures for desert ecosystem.
- b) What are the threats to biodiversity? Explain biodiversity conservation in detail.
- c) Define noise pollution. What are the effects of noise pollution? Discuss the control measures for noise pollution.
- d) What is global warming? What are the effects of global warming?

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