

BACHELOR OF SCIENCE (ANAESTHESIA & OT TECHNOLOGY) (CBCS - 2020 COURSE)
B. Sc. (Anaesthesia & OT Technology) Sem - II : WINTER- 2022
SUBJECT : ENVIRONMENT STUDIES

Day : Wednesday

Time : 10:00 AM-01:00 PM

Date : 11/1/2023

W-23401-2022

Max. Marks : 20

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 in **SEPARATE** sheet and has to be answered on same sheet. This sheet should be completed with the first 20 minutes of starting of the examination. This sheet with Section A only will be collected by Supervisor.
- 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

(20)

- 1 Which movement was started to protect the evergreen tropical forest from being flooded because of a hydroelectric project?
 - a) Chipko movement
 - b) Bishnoi movement
 - c) Silent valley movement
 - d) None of the above
- 2 If _____ diversity reduces, it can lead to inbreeding depression.
 - a) Genetic
 - b) Ecosystem
 - c) Species
 - d) Natural
- 3 Which of the following is not a greenhouse gas present naturally in atmosphere?
 - a) Carbon dioxide
 - b) Ozone
 - c) Nitrogen dioxide
 - d) Methane
- 4 The best way to dispose plant waste is _____.
 - a) Burning
 - b) Composting
 - c) Dumping on land
 - d) Incineration

PTO

- 5 Montreal Protocol signed in 1987 was signed to
- a) Reduce GHG emission
 - b) Protect wildlife
 - c) Conservation of forest
 - d) Protection of ozone layer
- 6 Water soluble nitrates and phosphates that cause eutrophication are _____
- a) Inorganic plant nutrients
 - b) Water soluble inorganic chemicals
 - c) Oxygen depleting waste
 - d) Sediments of suspended matter
- 7 _____ covers the largest biogeographic zone in India.
- a) Himalaya
 - b) Deccan plateau
 - c) Gangetic plains
 - d) Semi-arid region
- 8 There are total _____ Sustainable Development Goals.
- a) 11
 - b) 17
 - c) 23
 - d) 20
- 9 The value of preserving threatened natural resources, so they will be available for the use in the future is / an _____ value of nature.
- a) Direct
 - b) Social
 - c) Option
 - d) Sustainable
- 10 Which of the following is the cleanest form of energy?
- a) Hydroelectric
 - b) Fossil fuel
 - c) Nuclear power
 - d) Wind energy

Total marks obtained : _____

Signature of Invigilator : _____

Signature of Examiner : _____

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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) Why is increasing population growth a concern in India? Link it to different aspects such as education, poverty, urbanization.
- 2) What are the different biodiversity hotspots of India? Why is it important to conserve the biodiversity hotspots?
- 3) What are aquatic ecosystems? Write about the threats and conservation measures for these ecosystems.
- 4) What is sustainable development? Explain in brief the different pillars of sustainable development.

SECTION – C

Short answer (Attempt **ANY FOUR**) **(20)**

- 1) Why is climate change a concern and how it is linked with Green House Gases?
- 2) Mention and explain in short about any five environmental law / acts.
- 3) Why is noise pollution an issue? Mention ways to reduce and control noise pollution.
- 4) Explain in brief the difference between food chain and food web with suitable examples.
- 5) Explain based on your understanding the different ways to reduce and manage the solid waste.
- 6) What are the measure threats to world food resources and why is it of concern?