

BACHELOR OF SCIENCE (LABORATORY SCIENCES) (CBCS - 2019 COURSE)
B.Sc. (Lab Sci) Sem-II :SUMMER- 2022
SUBJECT : ENVIRONMENT STUDIES

Day : Monday
Date : 25-07-2022

S-21608-2022

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