



RZ-003-001633

Seat No. _____

Third Year B. Sc. (Sem. VI) (CBCS) Examination

March - 2019

Microbiology : Paper - 603

(Environmental Science)

Faculty Code : 003

Subject Code : 001633

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- Instructions :** (1) All Questions are compulsory.
(2) Right side figures indicate mark of the question.
(3) Draw the figure wherever necessary.
(4) Write answers of all the questions in main answer sheet.

1 Answer Briefly : 20

- (1) Define Renewable Energy resources
- (2) Define : Rock
- (3) Give full form of FAO
- (4) Enlist steps of Mining
- (5) What is Biogeochemical cycle
- (6) Define : Food web
- (7) What is Ecosystem ?
- (8) Which pyramid is always upright ?
- (9) Define Endangered species.
- (10) Define In situ Biodiversity conservation.
- (11) Define : Biodiversity
- (12) Define : Genetic Biodiversity
- (13) Define Photochemical Smog

- (14) Define : Acid rain
- (15) What is Thermal Pollution ?
- (16) What do you mean by Eutrophication?
- (17) What is Green house Effect?
- (18) What is nuclear holocaust?
- (19) Give full form of EIA
- (20) Define : Global warming

- 2** (A) Answer in short : (Three out of **Six**) **6**
- (1) Define Nonrenewable Resources with examples.
 - (2) What is Ecological succession?
 - (3) What do you mean by Land Degradation?
 - (4) What is ecosystem diversity? Give example.
 - (5) Write about the incidence take place in Bhopal.
 - (6) Write about Ozone depletion.
- (B) Answer specifically : (Three out of **Six**) **9**
- (1) What are the functional aspects of Forests
 - (2) Energy flow in Ecosystem.
 - (3) Enlist different threats to biodiversity.
 - (4) How sea/ocean gets polluted?
 - (5) Write Forest Conservation Act.
 - (6) Define : Abiotic factors and enlist them.
- (C) Write short notes on : (Two out of **Five**) **10**
- (1) Energy resources
 - (2) Ecological Pyramids
 - (3) India as Mega Diversity nation
 - (4) Water Pollution.
 - (5) Write a note on climate change.

- 3** (A) Answer in short : (Three out of **Six**) **6**
- (1) What are NTFPs? Give its example.
 - (2) What is protected area?
 - (3) Define : Pioneer Species.
 - (4) What is Noise Pollution.
 - (5) Role of CO₂ in climate change.
 - (6) What are Decomposers ?
- (B) Answer specifically : (Three out of **Six**) **9**
- (1) Enlist different types of Mineral Resources.
 - (2) Explain structural part of ecosystem.
 - (3) What are biological Hotspots ?
 - (4) What is of Solid waste management?
 - (5) Explain Nuclear hazards.
 - (6) Role of producers in ecosystem.
- (C) Write short notes on : (Two out of **Five**) **10**
- (1) Water Resources
 - (2) Enlist various Functions of ecosystem
 - (3) Explain in detail Biodiversity Conservation
 - (4) Role of Individual in pollution prevention
 - (5) Environment Protection Act.
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