

Seat No. : \_\_\_\_\_

# MD-107

May-2018

B.Sc., Sem.-IV

## CC-204 : Environmental Science (Resources and Conservation)

Time : 3 Hours]

[Max. Marks : 70

1. Answer the following : (any two) : 14
- (A) Describe causes and effect of deforestation.
  - (B) Explain biodiversity and its types.
  - (C) Describe threats to biodiversity.
  - (D) Explain GM crops and related environmental issues.
2. Answer the following : (any two) 14
- (A) Describe types of mining.
  - (B) Explain mineral as an environmental resources.
  - (C) Explain principle and practice of microbial leaching.
  - (D) Describe environmental issues in mining.
3. Answer the following : (any two) 14
- (A) List and describe non-renewable energy resources.
  - (B) Explain geothermal and plant biomass energy resources.
  - (C) Describe environmental impact of excessive energy exploitation.
  - (D) Explain tidal and wind energy sources.
4. Answer the following : (any two) 14
- (A) Explain per capita demand of water.
  - (B) Describe management and conservation of water resources.
  - (C) Describe rain water harvesting.
  - (D) Write note on major Indian dams.

5. Answer the following in brief :

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- (1) Enlist of two biodiversity hot spots in India.
  - (2) Explain ethical value of biodiversity.
  - (3) What is man-wildlife conflict ?
  - (4) Define national park and sanctuaries.
  - (5) Define desertification.
  - (6) Give uses asbestos.
  - (7) How is an atomic energy derived ?
  - (8) Name place in Gujarat with potential for tidal and wave energy.
  - (9) Explain renewable energy with example.
  - (10) Give the example of popular GM crops.
  - (11) What is water budget ?
  - (12) Explain consumption and use of water.
  - (13) Give the two benefits from dams.
  - (14) Explain any two conflicts over water.
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