

Seat No. : _____

AM-116

April-2015

B.Sc., Sem.-IV

ENV – 204 : Environment Science

(Environmental Resource and Conservation)

Time : 3 Hours]

[Max. Marks : 70

1. Answer the following questions : [Any **two**] **14**
- (a) Define Biodiversity and explain its types in details.
 - (b) Explain Wildlife Management of Gujarat.
 - (c) Explain GM crops and associated environmental issues.
 - (d) Describe endangered Flora and Fauna of India.
2. Answer the following questions : [Any **two**] **14**
- (a) Explain uses of Minerals resources.
 - (b) Give a detail note on Types of Mining Site.
 - (c) Describe Environmental issues related to Minerals Mining.
 - (d) Write a note on Sea Minerals.
3. Answer the following questions : [Any **two**] **14**
- (a) Explain advantages of Renewable and Non-renewable energy resources.
 - (b) Describe a brief note on Fossil fuel energy.
 - (c) Explain disadvantages of Wind and Nuclear Energy.
 - (d) Explain Solar Energy in details.
4. Answer the following questions : [Any **two**] **14**
- (a) Give a detail note on Surface water resources.
 - (b) Explain Management and conservation of Water resources.
 - (c) Describe Dam benefits and problems.
 - (d) Give a detail note on Sardar Sarovar Project.

5. Answer the following questions :

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- (1) Full form of IUCN.
 - (2) Write two names of highly genetic diversified species.
 - (3) What is GM crop ?
 - (4) Define Ecosystem biodiversity.
 - (5) Write two names of endangered species.
 - (6) Write two precious minerals obtained from mineral mining.
 - (7) What is Hydraulic mining ?
 - (8) Write the difference between Macro and Micro nutrients.
 - (9) Write two disadvantages of fossil fuel energy resource.
 - (10) Define Biogas.
 - (11) Which semiconductors are used in solar cell ?
 - (12) Define Tide.
 - (13) Write the difference between lentic and lotic environment
 - (14) Define Eutrophication
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