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SEAT No. :

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M.Sc.

ENVIRONMENTAL SCIENCE

ENV-302: EIA & Environmental Auditing

(2008 Pattern) (Semester - III)

Time : 3 Hours]

[Max. Marks :80

Instructions to the candidates:

- 1) Answers to the two sections should be written in separate answer books.*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) All questions carry equal marks.*
- 4) All questions are compulsory.*

SECTION-I

Q1) Answer any two of the following:

- a) Write a note on the history of EIA.
- b) What are the 4 stages prescribed under EIA notification 2006 for EC?
- c) Describe the generic structure of an EIA report.

Q2) Answer any two of the following:

- a) Describe the environmental parameters to be studied for environmental baseline settings.
- b) Give the impacts of mining on environment.
- c) Explain in brief about the matrix methodology.

Q3) Attempt any two:

- a) List the advantages and limitations of public consultation.
- b) Discuss any two models used for prediction of air impact.
- c) Write about the importance of land use data in EIA.

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Q4) Write short notes on any two:

- a) Methods of EIA.
- b) Scoping.
- c) Geographical features for EIA.

SECTION-II

Q5) Predict the environmental impact of any two:

- a) Distillery industry.
- b) Housing project.
- c) Petrochemicals.

Q6) Answer any two of the following:

- a) Prepare a detailed EMP for a highway project.
- b) Write about environmental budgeting and its importance.
- c) Give the environmental inventory for a chemical industry.

Q7) Attempt any two of the following:

- a) Enlist the different types of environmental audits. Describe any one in detail.
- b) Give the structure of Environmental audit as per Rule 14.
- c) What is the concept of ISO14000?

Q8) Write short notes on any two:

- a) Solid Waste Audit
- b) Advantages of env audit.
- c) EMP for river valley project.

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