

Total No. of Questions : 8]

SEAT No. :

**P2297**

**[4933]-301**

[Total No. of Pages : 2

**M.Sc.**

**ENVIRONMENTAL SCIENCE**

**EVSC - 301 :Environmental Impact Analysis & Environmental Audit  
(2013 Pattern) (Semester-III) (Credit System)**

*Time : 3 Hours]*

*[Max. Marks : 50*

*Instructions to the candidates:*

- 1) *All questions carry equal marks.*
- 2) *Figures to the right indicate full marks*
- 3) *Neat diagrams must be drawn wherever necessary.*
- 4) *You are advised to attempt not more than five questions.*

**Q1)** Answer the following:

- a) To which category of projects is the screening stage of E/A procedure applicable and why?
- b) Which projects require prior 'environmental clearance according to E/A notification 2006?

**Q2)** Explain the following with suitable example

- a) Primary and secondary data required for E/A studies.
- b) Benefits of E/A process.

**Q3)** Explain the significance of the following:

- a) Public consultation in E/A process
- b) Meteorological data in E/A studies

**Q4)** Justify the statements

- a) Sugar industries are backbone of rural Maharashtra
- b) Rivervalley projects (dam construction) have profound ecological and social impact.

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**Q5)** Explain in detail with significance

- a) Role of environmental management plan in E/A report.
- b) Audit and its types.

**Q6)** Answer the following:

- a) Write about the ad hoc method of impact assessment.
- b) Scoping stage of Environmental clearance process.

**Q7)** Attempt the following:

- a) Explain the impact of highways on aspects such as air, noise & socioeconomy.
- b) Write an EMP for distillery industry.

**Q8)** Write short notes on

- a) Pollution and hazardous waste audit.
- b) Methodology and basic structure of audit.

