

Total No. of Questions : 8]

SEAT No. :

P1681

[5130]-201

[Total No. of Pages : 2

M.Sc.

ENVIRONMENTAL SCIENCE

**EVSC - 201 : Environmental Pollution & Control - I, Water and Soil
(2013 Pattern) (Semester - II) (Credit System)**

Time : 3 Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) *Attempt any FIVE questions.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right side indicate full marks.*
- 4) *USE of Calculator, Logarithmic table and Statistical Table is allowed.*

Q1) Answer the following questions: **[10]**

- a) Explain types & sources of fresh water pollution.
- b) Describe effect of Eutrophication.

Q2) Answer the following questions: **[10]**

- a) How sewage & industrial waste disposed in sea?
- b) Explain the process of ecosystem stabilization.

Q3) Answer the following questions: **[10]**

- a) Explain concept & significance of artificial recharge.
- b) What is Ballast water? Explain in detail.

Q4) Answer the following questions: **[10]**

- a) How biological pollutant affect water quality?
- b) What are the effect of toxic organic compound?

Q5) Answer the following questions: **[10]**

- a) What are types and composition of MSW?
- b) Discuss degradation of soil due to mining activity.

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Q6) Answer the following questions: [10]

- a) How oil extraction causes marine pollution?
- b) Explain in brief recycling of waste water.

Q7) Answer the following questions: [10]

- a) Explain the role of microbe in metal transformation.
- b) Discuss in brief sea water intrusion.

Q8) Write short notes on- [10]

- a) Water pollution and economy.
- b) Water sampling methods.

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