

Total No. of Questions :8]

SEAT No. :

[Total No. of Pages :2

P1757

[5230] - 401

M.Sc.

ENVIRONMENTAL SCIENCE

EVSC-401: Environmental Toxicology, Health & Safety

(2013 Pattern) (Semester - IV) (Credit System)

Time : 3 Hours]

[Max. Marks :50

Instructions to the candidates:

- 1) Solve any Five Questions from the following.*
- 2) Neat and labeled diagrams must be drawn wherever necessary.*
- 3) Figures to the right indicate full marks.*

Q1) Answer the following :

[10]

- a) What is toxicology? Explain the toxic effect of lead on human health.
- b) What are epidemic diseases? Explain any one water born epidemic disease.

Q2) Answer the Following :

[10]

- a) What is biological warfare? Explain biological warfare with reference to any one biological weapon.
- b) What is occupational health? Explain the possible health hazards in Industrial activities.

Q3) Write a Short Note :

[10]

- a) Explain international & national perspectives of health & safety.
- b) What is risk? What are the steps involved in Risk assessment.

P.T.O.

Q4) Answer the Following : [10]

- a) Explain interrelationship between health & safety?
- b) Discuss the implementation of safety & health policy in India.

Q5) Answer the Following : [10]

- a) Discuss the effect of Noise Pollution on health of Industrial worker.
- b) Enlist the hazards toxicant produced in Industrial Activities. Explain the hazards effect of any one toxicant.

Q6) Answer the Following : [10]

- a) What are VOC'S? Explain the physiological & Metabolic effect of any one VOC'S.
- b) What is Biomagnification? Explain & draw neat & labelled diagram.

Q7) Answer the Following : [10]

- a) What is TLM? Explain its significance in Lethality studies.
- b) Explain details safe guard measures for water resource to avoid epidimic.

Q8) Write short notes on - [10]

- a) Measurement of toxicity?
- b) Anti cancer drug.

