

V34/V58/MES104/S27021/EE/20160709

Time : 3 Hours

Marks : 80

Instructions :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
 - a) Give brief account of chemical type of industrial accidents. 5
 - b) Explain volcanic activity. 5
 - c) Describe methods for hazard assessment. 5
 - d) Explain any one type of disaster planning in industry. 5
 - e) Give in brief causes of natural hazards. 5
2. Solve any **four** sub-questions.
 - a) Explain sources of radioactive pollutants. 5
 - b) Give an account of disaster management. 5
 - c) Explain health hazard of air pollution. 5
 - d) Describe causes and effects of landslide and erosion. 5
 - e) Give an account of health hazard associated with radiation pollution. 5

3. Solve any **four** sub-questions.
- a) Write note on environmental pollution and health hazard. 5
 - b) Explain occupational health hazards. 5
 - c) Give sources of soil pollution. 5
 - d) Explain nuclear fall out. 5
 - e) Explain cyclones as a natural hazard. 5
4. Solve any **four** sub-questions.
- a) Explain fission nuclides. 5
 - b) Write note on major industrial hazards. 5
 - c) Explain effects of water pollution on human health. 5
 - d) Explain classification of hazards on the basis of speed and intensity. 5
 - e) Give infrastructure developments as a consequences of population increase. 5

