

**FEBRUARY/MARCH 2013 EXAMINATIONS**

1. Discuss 5 ways by which nature keeps the environment stable
2. (a) What is EIA (Environmental Impact Assessment)? (3½ marks)
(b) Describe the processes of EIA (10½marks)
3. (a) Define EMS (Environmental Management Systems) (4 marks)
(b) What are the elements of EMS? (10 marks)
4. (a) Define the following terms:
(i) Hazard (ii) probability (iii) consequence (iv) risk (v) risk assessment. (10 marks)
(b) Outline the seven stages of risk assessment (4 marks)
5. (a) Highlight the general rules of first aid (5 marks)
(b) Describe the first aid technique for:
(i) burns & scalds (ii) artificial respiration (iii) electric shock (9 marks)
6. (a) Identify the causes of accidents (8 marks)
(b) List the precautionary measures in the prevention of accidents (6 marks)
7. (a) Fires are graded into five classes: A, B, C, D and E; describe the combustible materials involved in each class (5 marks)

- (b) List any four fire extinguishing techniques (4 marks)
- (c) (i) List and describe briefly the portable fire extinguishers (5 marks).