

Section A: Answer all questions

1. Define occupational safety and health and give its objectives (5 marks)
2. Differentiate between the following terms (2 mark each)
 - a) Hazard and risk
 - b) Health hazards and safety hazard
3. Describe the accident causing factors in work place (3 marks)
4. Describe briefly the risk factors of ergonomic hazards (3 marks)
5. Describe the hierarchy of preventing and controlling hazards in workplace (3 marks)
6. Describe the routes of excretion of chemical hazards (3 marks)
7. Describe three functions of NEMA in Kenya? (3 marks)
8. List 2 greenhouse gases and name the sources of these gases (4 marks)
9. Describe the stages of Job Safety Analysis (2 marks)

Section B:

Choose any two questions

1. Discuss global warming. (15 marks)
2. Discuss the fundamental elements of occupational safety and health (OSH). (15 marks)
3. Discuss the significant roles of employer, employee, management in promoting occupational safety and health at work (15 marks)
4. Discuss the factors influencing toxicity in human body (15 marks)