

# **FEDERAL UNIVERSITY OF TECHNOLOGY OWERRI**

Department of Public Health (*Postgraduate Examination*)

**Course:** Occupational Health and Safety (PUH 912)

**Instruction:** Answer four Questions in All      **Time:** 2 Hrs

- 1i. Enumerate five (5) nosocomial infections. **5 mrks**
- ii. Discuss their mode of transmission, symptoms and prevention. **10 marks**
- iii. Write short <sup>note</sup> on the scope of Occupational Health and safety. **10 marks**
- 2i. Write short note on the pathophysiology and control of the following Occupational and environmental diseases: a. Coal workers pneumoconosis  
b. Silicosis      c. Asbestosis. **10 marks**
- ii. Enumerate and discuss 4 major elements of the work environment. **5 marks**
- iii. Explain the following terms used in occupational Health and Safety:  
a. Anticipation b. Recognition c. Evaluation d. Control , **10 marks**
- 3i. Mention the main roles of Environmental Health Officers/ practitioners in Occupational Health and safety programs. **5 marks**
- ii. How can work affect health and health affect work? Give two (2) practical examples. **10 marks**
- iii. Select ten occupations common in Imo State. List the potential and real occupational risks associated with each type of employment. **10 marks**
- 4i. What are common health hazard of organic solvents? **5 marks**
- ii. What are the main health effects of noise and ionizing radiation? How can these be controlled? **10 marks**
- iii. What are the advantages of warning symbols or signs? Draw radiation and chemical warning symbols? **10 marks**
- 5i. What variables would you use to measure the magnitude of the problems due to occupational health? **5 marks**
- ii. List the challenges of disability evaluation. **5 marks**
- iii. How can you evaluate the level of noise, CO, PM, SOx and humidity in your classroom? **15 marks**