



GRE TSA UNIVERSITY - THIKA

UNIVERSITY EXAMINATIONS JANUARY – APRIL 2017 SEMESTER

CERTIFICATE IN PUBLIC HEALTH/ COMMUNITY HEALTH

COURSE CODE: CIPH 017

COURSE TITLE: OCCUPATIONAL HEALTH AND SAFETY

DATE: 4 APRIL 2017

TIME: 3.00 PM – 5.00 PM

INSTRUCTIONS TO CANDIDATES

1. SECTION A IS **COMPULSORY**.
2. SECTION B: ANSWER ANY OTHER **THREE** QUESTIONS.
3. **DO NOT** WRITE ANYTHING ON THIS QUESTION PAPER AS IT WILL BE AN EXAM IRREGULARITY.
4. ALL ROUGH WORK SHOULD BE AT THE BACK OF YOUR ANSWER BOOKLET AND CROSSED OUT.

CAUTION: All exam rooms are under CCTV surveillance during the examination period.

SECTION: A (ANSWER ALL QUESTIONS IN THIS SECTION)

MULTIPLE CHOICE QUESTIONS: ONE MARK EACH

1. Why is the significance of personal protective equipments in the work place?
 - A. Because it looks right
 - B. Because it protects the tools
 - C. Because it protects you
 - D. Because it is what an employer tells you to do
2. Which of the following is not a source of biohazard ?
 - A. Medical waste
 - B. Inadequate disposal of waste
 - C. Bushy surrounding
 - D. Keeping the workplace tidy
3. Which one of the following is a physical hazard
 - A. Light
 - B. Excessive pushing
 - C. Physical injury
 - D. Anger
4. Which of the following would prevent injuries from occurring at work?
 - A. Keeping the workplace tidy
 - B. Wearing light clothing
 - C. Lifting heavy objects with a bent back
 - D. Keeping lighting to a minimum
5. How can workers best contribute to a positive safety culture in the workplace?
 - E. They should know how to complete work quickly if things go wrong
 - F. They should report unsafe conditions after an accident has occurred
 - G. They should report any unsafe conditions as soon as possible
 - H. They should know the location of the first aid kit and accident book
6. Outline any four skills pertinent in occupational health and safety (4 Marks)

7. State any three objectives occupational health (3 Marks)
8. Briefly explain any four health effects of chemical hazards (4 Marks)
9. State any four factors determining toxic effects of chemicals (4 Marks)
10. List any four organizational stressors (4 Marks)
11. Briefly explain how the two types of ventilation can controls chemical hazards(4 Marks)
12. State any four major undertakings in occupational health (4 Marks)
13. Outline four objectives of studying occupational health and safety (4 Marks)
14. Briefly explain the health effects of stress hazards (4 Marks)

SECTION: B (ANSWER ANY THREE QUESTIONS IN THIS SECTION)

1.
 - a) Explain any five general methods of controlling hazards (10 Marks)
 - b) Discuss the health effects of physical stressors (10 Marks)
2.
 - a) Explain any five types of psychological hazards (10 Marks)
 - b) Explain the employees role in hazard control and prevention (10 Marks)
3.
 - a) Explain the job hazards analysis process (10 Marks)
 - b) Explain how the job hazard analysis can be applied in the health sector (10 Marks)
4.
 - a) Outline the hazards that might be encountered by a person working in a medical laboratory (8marks)
 - b) Describe any four hazards associated with any five occupations and how they can be controlled (12 Marks)