



UTHM

Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2013/2014**

COURSE NAME : OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT
COURSE CODE : BPC32503
PROGRAMME : 3BPB
EXAMINATION DATE : JUNE 2014
DURATION : 3 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF **THREE (3)** PAGES

- Q1** In every working environment, there is the probability of an accident, and the job of a factory technician in a weed killer manufacturing factory is no exception. Accidents are usually the end products of unsafe acts and unsafe conditions at work. The workplace in this chemical manufacturing factory in itself is inherently hazardous. As such, the likelihood for accidents and injuries are prevalent.
- (a) Explain **FIVE (5)** hazards that are related to this job. (10 marks)
- (b) Outline **FIVE (5)** parameters that determine the successful compliance of the Occupational Safety and Health (OSH) procedures in this factory. (15 marks)
- Q2** Given that safety is able to determine an organization's profit or loss, safety should be given equal attention like other important elements such as quality and productivity in the process of developing a safety culture.
- (a) Explain **FIVE (5)** roles of safety culture in the manufacturing industry in Malaysia. (10 marks)
- (b) Explain **FIVE (5)** factors that contribute to safety culture. (10 marks)
- Q3** The explosion of Bright Sparklers fireworks factory in 1991 was considered the worst industrial incident in the history of Malaysia. It has claimed 26 lives and injured more than 103 people. A royal commission was set up to investigate the incident. The incident has alerted the government and the public on how important industrial safety regulations to the manufacturers. Consequently, the government has taken a step further by introducing the Occupational, Safety and Health Act (OSHA) 1994. It was enacted to address industrial safety and health issues in the manufacturing sector.
- (a) State **FOUR (4)** objectives of OSHA 1994. (4 marks)
- (b) Outline **TWO (2)** circumstances under which an employer must establish a health and safety committee. (2 marks)
- (c) Explain **FIVE (5)** functions of Safety Committee provided under the Occupation Safety and Health Regulation. (10 marks)
- (d) List **FIVE (5)** roles of Safety Officer of an organization. (5 marks)
- (e) Identify **TWO (2)** roles of Senior Management in Occupational and Safety Committee. (2 marks)

- (f) List **THREE (3)** power of Department of Occupational Safety and Health Officer. (3 marks)

Q4 Emergency is an unforeseen combination of circumstances where the resulting state calls for immediate action.

- (a) State **THREE (3)** examples of emergencies. (3 marks)
- (b) Describe **FIVE (5)** needs to prepare for an emergency for a business enterprise. (10 marks)
- (c) Explain **TWO (2)** goals of emergency response. (2 marks)
- (d) Explain **TWO (2)** objectives of emergency response. (2 marks)
- (e) Describe **SIX (6)** basic elements of emergency preparedness and response management. (12 marks)

-END OF QUESTION-

