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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2017/2018**

**COURSE NAME : OCCUPATIONAL SAFETY AND
HEALTH MANAGEMENT**

COURSE CODE : BPC 32503

PROGRAMME CODE : BPP

EXAMINATION DATE : JUNE / JULY 2018

DURATION : 2 HOURS AND 30 MINUTES

INSTRUCTION : ANSWER ALL QUESTIONS

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THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES

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Q1 Risk assessment is part of the planning and implementation stage of the health and safety management system.

(a) Illustrate a flowchart involved in the risk assessment process. (6 marks)

(b) Define **FIVE (5)** steps involved in the risk assessment process. (5 marks)

(c) Audit is use to observe on the working environment in order to identified unsafe conditions and potential incident.

State **FOUR (4)** purposes of the unsafe condition auditing. (4 marks)

(d) Describe **FIVE (5)** sources of hazard with example. (10 marks)

Q2 Industrial accidents could be caused in many ways and variety of reasons. Generally, the causes of industrial accidents can be categorized under two broad heading, i.e. contributing causes of accidents and immediate causes of accidents.

(a) Explain **FOUR (4)** root causes of incident due to poor management. (8 marks)

(b) Differentiate between an accident report and an accident-analysis report. (4 marks)

(c) List **FIVE (5)** steps in conducting an accident investigation. (5 marks)

(d) Describe **FOUR (4)** accidents investigation mistakes to be avoided. (8 marks)

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Q3 Emergency procedures are crucial especially during the crisis. Its objective is to protect lives and minimize damage to properties.

(a) State **THREE (3)** levels of emergency. (3 marks)

(b) One of the basic elements of emergency response preparedness is to organise a management team. The management team may consist of incident command committee.

Prepare a diagram of incident command team. (12 marks)

(c) Emergency response procedures may vary according to the types of disaster. The emergency procedures flowchart is commonly used to enable easy understanding and provide quick reference for all concerned.

Illustrate a flowchart of fire drill and evacuation procedures. (10 marks)

Q4 The beginning of the safety culture period of accident investigation and analysis can be traced back to the nuclear accident at Chernobyl in 1986 in which a poor safety culture was identified as a factor contributing to the accident.

(a) Define safety culture. (2 marks)

(b) Illustrate Department of Occupational Safety and Health (DOSH) strategy in promoting of occupational safety and health awareness and safety culture. (10 marks)

(c) Describe **FOUR (4)** impact of safety culture. (8 marks)

(d) List **FIVE (5)** challenges in promoting safety culture. (5 marks)

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- END OF QUESTIONS -