



**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

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

COURSE NAME : OCCUPATIONAL SAFETY AND HEALTH  
COURSE CODE : BPK 30702  
PROGRAMME CODE : BIT  
EXAMINATION DATE : DECEMBER 2017 / JANUARY 2018  
DURATION : 2 HOURS 30 MINUTES  
INSTRUCTION : ANSWER **ALL** QUESTIONS

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

**Q1** In line with Government policy as mandated by OSHA 1994, accidents have to be prevented in a working place. A good OSHA management practice would require an organization to have self-regulated rules and procedures in order to achieve the government's policy goal.

(a) Define accident investigation. (2 marks)

(b) Draw the accident causation model. (10 marks)

(c) List **FOUR (4)** types of accident and provide an example for each type. (8 marks)

**Q2** Industrial accidents can be caused in many different ways and for a variety of reason. Investigating the accident is very important process of determining the root causes of accidents and property damage in order to prevent them from occurring again. In addition, workplace injuries and illnesses have a major impact on an employer. The costs of workplace injuries and illnesses include direct and indirect costs.

(a) Discuss **EIGHT (8)** steps in the accident investigation process. (16 marks)

(b) Explain **FOUR (4)** benefits of conducting an accident investigation. (8 marks)

(c) List **THREE (3)** principles of incident prevention, (3 marks)

(d) List **THREE (3)** types of incident prevention cost. (3 marks)

**Q3** (a) Define the following problems:

(i) Ergonomic Injury.

(ii) Workplace Stress.

(4 marks)

(b) List **TWO (2)** examples of each problem listed in **Q3(a)**. (4 marks)

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- (c) Discuss **THREE (3)** methods in preventing and controlling the following problems:
- (i) Ergonomic Injury for Computer Operator.
  - (ii) Workplace Stress.
- (12 marks)

- Q4** (a) Differentiate between accident and emergency. (4 marks)
- (b) Describe **FOUR (4)** reasons why we need to prepare for an emergency. (8 marks)
- (c) Identify **THREE (3)** hazard consequences that need to be analyzed for emergency and recovery plan. (6 marks)
- (d) Describe **THREE (3)** basic elements of Emergency Preparedness and Response Management. (6 marks)
- (e) Describe **THREE (3)** tasks of the incident organization. (6 marks)

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-END OF QUESTION -