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Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2018/2019**

COURSE NAME : ENVIRONMENTAL AND
OCCUPATIONAL SAFETY

COURSE CODE : BPK 30702

PROGRAMME CODE : BIT

EXAMINATION DATE : DECEMBER 2018 / JANUARY 2019

DURATION : 2 HOURS

INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES

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- Q1**
- (a) Define the term “accident”. (2 marks)
 - (b) List **THREE (3)** purpose of accident investigation. (3 marks)
 - (c) Explain **TWO (2)** types of accident investigation. (4 marks)
 - (d) Discuss **TWO (2)** the common causes of accidents with example. (6 marks)
 - (e) Elaborate the **FIVE (5)** steps of accident investigation. (10 marks)
- Q2**
- (a) Give the definition for the following terms:
 - (i) Hazard (2 marks)
 - (ii) Acute effect (2 marks)
 - (iii) Chronic effect (2 marks)
 - (b) Identify **FIVE (5)** hazards that might be encountered in a busy kitchen restaurant. (10 marks)
 - (c) Describe the preventive measures that could be implemented to reduce risk for each hazard stated in **Q2(b)**. (10 marks)
- Q3**
- (a) Elaborate **THREE (3)** methods of identifying hazards. (9 marks)
 - (b) List **FOUR (4)** categories of severity level in general risk assessment. (4 marks)
 - (c) Describe quantitative risk assessment. (6 marks)
 - (d) List **FIVE (5)** hierarchy of control for risk control approach. (5 marks)



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- Q4** A near-miss incident caused by fire had occurred at one of your work department. Due to the incident, you as an Environment, Safety and Health executive has proposed to your top manager to reconduct an emergency action plan training for employees. For that purpose, you are require to prepare a paperwork that consist of the following:
- (a) Describe **FIVE (5)** conditions should the emergency plan be reviewed. (10 marks)
 - (b) List **SIX (6)** basic elements of emergency preparedness and response management. (6 marks)
 - (c) Discuss **THREE (3)** levels of emergency. (9 marks)

-END OF QUESTIONS-

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