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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2019/2020**

COURSE NAME : OCCUPATIONAL SAFETY AND HEALTH
COURSE CODE : BPA 32202
PROGRAMME CODE : BPA
EXAMINATION DATE : DECEMBER 2019 / JANUARY 2020
DURATION : 2 HOURS
INSTRUCTION : ANSWERS ALL QUESTIONS

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

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- Q1** (a) Define the following terms:
(i) Hazard
(ii) Risk
(iii) Acute effect
(iv) Chronic effect
(8 marks)
- (b) Identify **FOUR (4)** hazards with examples that might be encountered in a busy hotel kitchen.
(8 marks)
- (c) Propose **THREE (3)** control or preventive measures that could be implemented to reduce ergonomic hazards at a workplace.
(9 marks)
- Q2** Generally the causes of industrial accidents can be categorized into contributing causes and immediate causes of accidents. When an accident occurs, it is important that it be investigated thoroughly.
- (a) Explain the purpose of investigating accident/ incident.
(4 marks)
- (b) Identify **SIX (6)** principles of accident investigation.
(6 marks)
- (c) An accident involved a machine operator was reported at a furniture manufacturing factory. The victim was a newly employed worker, who was being negligent and had his fingers into the table saw. The result was a serious injury to the victim.
- (i) Illustrate **FIVE (5)** steps in conducting an accident/ incident investigation.
(5 marks)
- (ii) Analyze each step in **Q3(c)(i)** based on the scenario in **Q3(c)**.
(10 marks)

Q3 Workplace stress places significant psychological, physiological, and financial costs on both the individual employee and his or her organization.

(a) List **FIVE (5)** sources of workplace stress. (5 marks)

(b) Formulate **FIVE (5)** strategies you can use to assist employee to manage workplace stress to significantly improve the workplace productivity and workplace dynamic. (6 marks)

Q4 An employee slipped on a patch of oil on a warehouse floor and was given days off for several days. The oil was found close to a pile of pallets that had been left abandoned on the pedestrian walkway.

(a) Explain **FOUR (4)** primary causes of falls and determine the causes of fall in above situation. (5 marks)

(b) Develop a 'Slip and Fall Prevention Program' to ensure employee's safety and health in the workplace following the accident. (20 marks)

-END OF QUESTIONS-