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**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

**FINAL EXAMINATION  
SEMESTER II  
SESSION 2015/2016**

COURSE NAME	:	OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT
COURSE CODE	:	BPC 32503
PROGRAMME CODE	:	BPP
EXAMINATION DATE	:	JUNE / JULY 2016
DURATION	:	3 HOURS
INSTRUCTION	:	ANSWER <b>ALL</b> THE QUESTIONS

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

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**Q1** ABCD Furniture Company Sdn. Bhd. has appointed you as the Occupational Safety, Health and Environment Committee Chairman with immediate effect. The Company produces bedroom set and has a workforce of 150 employees.

- (a) Justify in **ONE (1)** sentence, the need to establish a safety and health committee in the Company. (2 marks)
- (b) Decide to whom you would ask to serve the occupational safety and health committee if you are tasked to establish the committee. (5 marks)
- (c) Describe **FIVE (5)** functions of this committee. (5 marks)
- (d) Describe the respective roles and responsibilities of employer and employees in occupational safety and health management in an organization. (6 marks)
- (e) Discuss steps necessary for implementing a safety and health audit at the work area. (5 marks)

**Q2** Furniture industry has evolved from being cottage based, skill-dependent industry to a highly mechanized and labor intensive industry operating in high-volume production environment. The large workforce is faced with a high risk of accidents in the working environment. It has been reported that rate of industrial accidents in the wooden furniture industry is above the Malaysian national average in the manufacturing sector.

- (a) State **FOUR (4)** prevailing work environment related risk factors for accidents in the wooden furniture industry. (4 marks)
- (b) Explain the importance of good occupational safety and health management practices to the furniture industry. (8 marks)
- (c) Discuss the accident prevention practices in the furniture factory. (10 marks)

- Q3** (a) Stress is the harmful physical and emotional response that occurs in the workplace.
- (i) List **FIVE (5)** sources of workplace stress. (5 marks)
  - (ii) State **FIVE (5)** methods to reduce workplace stress. (5 marks)

- (b) Industrial accidents can be caused in many different ways and for a variety of reasons. Generally, the causes of industrial accidents can be categorized under two broad headings, i.e. contributing causes of accidents and immediate causes of accidents.
- (i) Explain the rationale for investigating accidents. (4 marks)
  - (ii) Describe when an investigation should be reported by giving **TWO (2)** reasons for your answer. (6 marks)
  - (iii) Explain the difference between an accident report and an accident-analysis report. (5 marks)
- Q4** A risk is the likelihood or the probability of a hazard leading to personal injury and the severity of that injury or occupational disease. A risk assessment involves the assessment of the work process and equipment to be used, with particular emphasis on the potential risks to workers. Supervisors have a duty to assess the risks of their workplace. There are a range of measures to control risk. When deciding the most appropriate measures, the supervisors of workplace should consider the notion of practicability. Cost effectiveness and user acceptance are two other important criteria in selecting the control options.
- (a) List **TWO (2)** factors to consider before making workplace decisions that involve risk. (2 marks)
  - (b) Discuss **FOUR (4)** areas to consider in assessing the risks. (8 marks)
  - (c) Discuss **FIVE (5)** risk management techniques that the supervisor can use them at workplace. (10 marks)
  - (d) Discuss the roles that supervisor should do in order to ensure new risks are not created in the workplace. (10 marks)

-END OF QUESTIONS -