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**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

**FINAL EXAMINATION  
(TAKE HOME)  
SEMESTER I  
SESSION 2020/2021**

**COURSE NAME** : SAFETY AND HEALTH CULTURE  
**COURSE CODE** : BNS 10202  
**PROGRAMME** : BNS  
**EXAMINATION DATE** : JANUARY / FEBRUARY 2021  
**DURATION** : 2 HOURS 30 MINUTES  
**INSTRUCTIONS** : ANSWER ALL QUESTIONS

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THIS QUESTION PAPER CONSISTS OF **FOUR (4)** PAGES

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- Q1**
- (a) Define **ONE (1)** of the behavior-based safety approaches. (4 marks)
- (b) Explain **TWO (2)** characteristics of positive safety culture. (4 marks)
- (c) Safety culture in industries which involve people, process and value. Under process element, discover **FIVE (5)** processes that can increase the safety culture in the workplace. (10 marks)
- (d) Demonstrate on how safety value can be used as tools to portray a true commitment of company towards safety. (7 marks)
- Q2**
- (a) List **FIVE (5)** importance of the training for workers in order to enhance strong safety culture. (5 marks)
- (b) Show **THREE (3)** importance of the management commitment in the company leadership. (6 marks)
- (c) Identify **TWO (2)** basic structure of Safety Health of maintenance Engineering (SHoMe) (4 marks)
- (d) In order to determine safety culture development, there are a few tools that can be used to forecast and plan the precaution measure to be undertaken. Prepare **THREE (3)** tools used by safety officer as safety assessment references. (10 marks)

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**Q3** (a) Differentiate between Nordic Occupational Safety Climate Questionnaire (NOSACQ-50) and International Atomic Energy Agency's (IAEA) Guidance Tools.

(4 marks)

(b) Nordic Occupational Safety Climate Questionnaire (NOSACQ-50) is a tools based on theory and empirical data research. This tools has 50 items across 7 dimensions. State **FIVE (5)** dimensions in this NOSACQ-50 tools.

(5 marks)

(c) Show **FIVE (5)** characteristics in International Atomic Energy Agency's (IAEA) Guidance Tools

(10 marks)

(d) Commencing a diagnosis of an organization's safety culture need to consider and determine the true purpose of such an assessment. Demonstrate on how this assessment can be done with the best strategy and specific tools.

(6 marks)

**Q4** (a) List **FIVE (5)** basic safety philosophy to be understand by all level of management.

(5 marks)

(b) Discuss **THREE (3)** benefits of understanding safety culture philosophy to the organization.

(6 marks)

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- (c) Negligent of safety in an organization can lead to major accident especially to the big organization. Identify **TWO (2)** major accident happened trough out the world that give huge impact to organization and country.

(4 marks)

- (d) Control of Industrial Major Accident Hazards Regulations (CIMAH) 1996 is regulation introduce in control of major accident from recurring in the prescribe industry. Point out **FIVE (5)** items to be reported in the CIMAH report.

(10 marks)

- **END OF QUESTIONS** -

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