



UTHM
Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

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

COURSE NAME : SAFETY AND HEALTH IN
CONSTRUCTION

COURSE CODE : BPD 35003

PROGRAMME : BPC

EXAMINATION DATE : DECEMBER 2019 / JANUARY 2020

DURATION : 3 HOURS

INSTRUCTION : ANSWER **ALL** QUESTIONS

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

Q1 Safety and Health is not a critical element of the preconstruction operational plan. However, in construction site, the situation are different and dangerous. Therefore Safety and Health elements is very important and critical to implement by all of workers.

Discuss the important elements of Safety and Health in construction site.

(10 marks)

Q2 Construction industry is one of the dangerous industry in the world. This industry had many risks. Managing a risk financial in construction project is very important to reduce risks.

(a) Discuss **THREE (3)** risk sharing with examples.

(15 marks)

(b) Discuss **THREE (3)** risks transfer with examples.

(15 marks)

Q3 Section 24(1C) of OSH Act 1994 states that it is the duty of employee to wear at all times any Personal Protective Equipment (PPE) provided by the company.

Relate the **FOUR (4)** types of PPE available with the conditions under which each should be worn in the construction site.

(20 marks)

Q4 Risks analysis is an analytical methodology carried out to analyze the workplace (site) towards identification and overcoming work hazards.

(a) Discuss design phase according the statement.

(10 marks)

(b) Discuss Construction phase.

(10 marks)

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- Q5** (a) Define hazards from the perspective of industrial (4 marks)
- (c) Outline the **FOUR (4)** types of hazards with examples (16 marks)

-END OF QUESTIONS-

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