

**CONFIDENTIAL**



**UTHM**  
Universiti Tun Hussein Onn Malaysia

**UNIVERSITI TUN HUSSEIN ONN MALAYSIA**

**FINAL EXAMINATION  
(TAKE HOME)  
SEMESTER II  
SESSION 2019/2020**

COURSE NAME : RISK MANAGEMENT  
COURSE CODE : BPD 33802  
PROGRAMME CODE : BPC  
EXAMINATION DATE : JULY 2020  
DURATION : 24 HOURS  
INSTRUCTION : ANSWER ALL QUESTIONS  
**OPEN BOOK EXAMINATION**

THIS QUESTION PAPER CONSISTS OF **TWO (2)** PAGES

**CONFIDENTIAL**

**TERBUKA**

**Q1** Risks which have not been identified and managed are undoubtedly unchecked threats to a construction project's objectives, which in turn may lead to considerable overruns in cost and schedule. For this reason, a systematic approach must be taken to manage risks throughout the development of a project. Risk management is a proactive decision making process, which involves accepting a known risk and/or taking steps to mitigate the impact and likelihood of the occurrence of risks, to minimize the threats and maximize the opportunities. Despite numerous risk management processes proposed in the literature, the five main steps in the risk management process are, generally, risk planning, risk identification, risk analysis, risk response and risk monitoring and control. Over the years, research on risk management within the construction industry has grown considerably. As a result of that, construction projects are permanently vulnerable to risks and are perceived as projects with greater inherent risk due to the participation of many stakeholders.

*(Source: Adeleke et. al., 2020)*

- (a) Relate benefits derived by providing a risk management process in construction project in light of the current Covid-19 pandemic. (15 marks)
- (b) Risk response is the process of developing strategic options and determining actions in order to enhance opportunities and reduce threats to the project's objectives. According to Greene and Oscar (1983) and Vaughan (1991), risk responses can be divided into five types.

Differentiate these types of risk responses in regards to construction project. (15 marks)

**Q2** Construction project involves a lot of risk including financial, accident, crime and many more. Risk management in the construction project management context is a comprehensive and systematic way of identifying, analysing and responding to risks to achieve the project objectives.

Discuss with example, the method of risk management for **FOUR (4)** different types of risks in construction project. (20 marks)

- END OF QUESTIONS -