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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2018/2019**

COURSE NAME : CONSTRUCTION PROJECT
MANAGEMENT

COURSE CODE : BPE 44402

PROGRAMME CODE : BPD

EXAMINATION DATE : DECEMBER 2018 / JANUARY 2019

DURATION : 2 HOURS

INSTRUCTION : ANSWER ALL QUESTIONS

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

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Q1 Project Finance is a method of raising long-term debt financing for a major project initiated by a Special Purpose Vehicle (SPV) through "financial engineering" based on lending against cashflow generated by the project itself.

(a) Differentiate Project Financing and Corporate Financing. (10 marks)

(b) Discuss **THREE (3)** characteristics of Project Finance. (15 marks)

Q2 Discuss the following terms in respect to construction project management.

- (a) Variation Order (VO)
 - (b) Extension of Time (EOT)
 - (c) Liquidated Ascertained Damages (LAD)
 - (d) Certificate of Practical Completion (CPC)
 - (e) Performance Bond
- (25 marks)

Q3 The *Conditions of Contract* under P.W.D. Form 203A (Rev.10/83) outlines general duties of the Superintending Officer (S.O) of any construction project.

(a) Explain who is S.O for a building construction project. (5 marks)

(b) Briefly discuss **FIVE (5)** duties of S.O. (10 marks)

(c) Explain what S.O's Instructions are and give examples in which SO's Instructions are normally issued. (10 marks)

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Q4 During construction stage, a construction project is having problems when there appear to be some *general* and also *specific clues*.

(a) Discuss the *general clues* from the following perspectives.

- (i) Time
- (ii) Cost

(10 marks)

(b) A more *specific clue* of a project having problems is visually shown in **Figure Q4**.

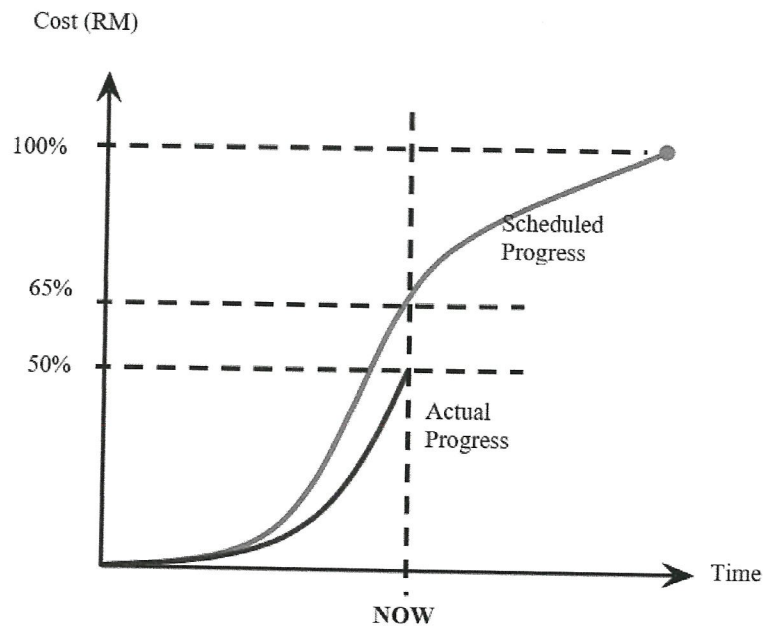


Figure Q4

Discuss, by analyzing the problems at a current position (“NOW”) which is about half of the original construction period and suggest possible solutions in terms of project cost and time.

Your analysis should look at time already spent and the remaining time left, and also whether or not the project will complete on time. Give reasons.

(15 marks)

- END OF QUESTIONS -

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