



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2017/2018**

COURSE NAME : INFORMATION SECURITY
PROJECT MANAGEMENT
COURSE CODE : BIS 30703
PROGRAMME CODE : BIS
EXAMINATION DATE : DECEMBER 2017 / JANUARY 2018
DURATION : 3 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS

TERBUKA

THIS QUESTION PAPER CONSISTS OF **SIX (6)** PAGES

SECTION A

Choose the BEST answer for each of the following questions.

- Q1** A qualitative risk assessment is used to identify _____.
- A. vulnerabilities, threats, and countermeasures
 - B. vulnerabilities, threats, threat probabilities, and countermeasures
 - C. assets, risks, and mitigation plans
 - D. vulnerabilities and countermeasures
- Q2** Annualized loss expectancy (ALE) is defined as _____.
- A. the annual estimate of loss of all assets based on all threats
 - B. the annual estimate of loss of an asset based on a single threat
 - C. the annual estimate of loss of an asset based on all threats
 - D. the annual estimate of loss of all assets based on a single threat
- Q3** An organization recently completed a risk assessment. Based on the findings in the risk assessment, the organization chose to purchase insurance to cover possible losses. This approach is known as _____.
- A. risk transfer
 - B. risk avoidance
 - C. risk acceptance
 - D. risk reduction
- Q4** After completing a risk assessment, an organization was able to reduce the risk through the addition of detective and preventive controls. However, these controls did not remove all risks. What options does the organization have for treating the remaining risk?
- A. Accept, avoid, reduce, or transfer.
 - B. The organization must accept the risk.
 - C. The organization must either accept or transfer the risk.
 - D. Remaining risk cannot be treated further.



Q5 Work Breakdown Structure (WBS) belongs to _____ group.

- A. initiating
- B. executing
- C. closing
- D. opening

(10 marks)

TERBUKA

SECTION B

Choose either **TRUE (T)** or **FALSE (F)** for each of the following questions.

- Q6** A project with multiple milestones is usually more successful than a project with few milestones.
- Q7** The Procurement Closure or Contract Closure cannot be done before the project closed completely.
- Q8** If the earned value is RM1000 and the actual cost is RM2000. The cost variance is RM1000.
- Q9** The confidentiality concept is used to ensure the accuracy of information.
- Q10** A negative value of cost variance indicates over-budget project.

(10 marks)

TERBUKA

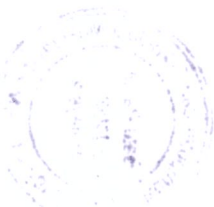


SECTION C

Q11 You as a Security Consultant, have been invited to a meeting with AbleToDo Sdn. Bhd. The new appointed manager wants you to explain why it would be a good idea for AbleToDo to think about tightening the security.

- (a) Describe the need of information security. (6 marks)
- (b) Describe the necessity of change management. (6 marks)
- (c) What is critical path? (3 marks)
- (d) Explain **FIVE (5)** methodologies that can be used for Information Security Project Management. (10 marks)
- (e) Compare **TWO (2)** types of closures. (6 marks)
- (f) Assume that RM100,000,000 has been allocated for the IT Infrastructure project for your organization. Unfortunately, 30% of the budget has been cut. What are the necessary steps that should be taken to proceed with this project? (10 marks)
- (g) Carry out **FIVE (5)** mitigation strategies if the key staff quit from the project. (10 marks)

TERBUKA



Q12 Consider the following scenario:

You have been appointed as a Project Manager for handling second Data Center to Kolej MestiSelamat (KM) for backup purposes. KM is a private college for IT Security programmes. You are supposed to lead the following tasks.

- (a) Prepare a generic Return On Investment (ROI) for the new KM data center. (12 marks)
- (b) Prepare Work Breakdown Structure (WBS) for KM data center project. (12 marks)
- (c) Discuss on the critical path for this project. (5 marks)

- END OF QUESTION -

TERBUKA

