# UNIVERSITI KUALA LUMPUR
## MALAYSIAN INSTITUTE OF INFORMATION TECHNOLOGY

# FINAL EXAMINATION

# OCTOBER 2025 SEMESTER

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| COURSE CODE | : | IDB30303 |
| COURSE TITLE | : | IT PROJECT MANAGEMENT |
| PROGRAMME NAME | : | BACHELOR IN COMPUTING AND BUSINESS MANAGEMENT WITH HONOURS (BCM) |
| DATE | : | 26 JANUARY 2026 |
| TIME | : | 9:00AM - 11:00AM |
| DURATION | : | 2 HOURS |

## INSTRUCTIONS TO CANDIDATES

1. Please read the instructions given in the question paper CAREFULLY.

2. This question paper is printed on both sides of the paper.

3. This question paper consist of ONE sections.

4. Section A consist of five questions. Answer FOUR (4) questions only.

5. Please write your answer on the answer booklet provided.

6. Please answer all questions in English only.

7. Refer to the attached Formula/ Appendies. ☐ *Tick if applicable*

THERE ARE 6 PAGES OF QUESTIONS INCLUDING THIS PAGE

SECTION A (Total: 100 marks)

Answer FOUR (4) questions.

Please use the answer booklet provided.

Question 1

Product roadmaps are an important part of any long-running project. Roadmaps are often represented visually and many try to fit the roadmap on one page so that reviews can notice the big picture of the product timeline.

i.    Analyse FIVE (5) types of roadmaps.

(10 marks)

ii.   Outline FOUR (4) benefits of developing and maintaining a product roadmap.

(8 marks)

iii.  Examine the pitfalls product roadmaps that project manager must be avoided.

(2 marks)

iv.   As project manager, you can adopt the Lean 5S quality tool to ensure the product develop can be done properly. Implementing the 5S method means cleaning up and organising the workplace to achieve the smallest amount of wasted time and material. Determine the 5S method.

(5 marks)

## Question 2

Communication management refers to ensuring that the information requirements of both the project and its stakeholders are fulfilled by developing appropriate artifacts and implementing activities that facilitate effective information exchange.

i. An effective presentation is important to ensure stakeholders understand project's impact. In order to successfully convey all of the information you have prepared. Determine the key elements to prepare an effective impact report presentation.

(10 marks)

ii. As project manager, it is important to develop a communication plan for duration of your project. Determine the FOUR (4) effective communication.

(8 marks)

iii. Determine FIVE (5) advantages of using project management.

(5 marks)

iv. Differentiate between active stakeholders and passive stakeholders.

(2 marks)

## Question 3

Quality management is vital in project management. Therefore, it's important to set these quality standards with your team and your customer at the beginning of your project.

i. Categorise FOUR (4) main concepts of quality management.

(8 marks)

ii. Project managers are responsible for accurately estimating key aspects of a project, including costs, scope, and timeline. Various estimation techniques are available, each suited to different project elements. By applying these techniques, project managers can deliver more reliable forecasts to stakeholders and clients, and allocate project funds and resources more effectively to ensure success. Determine three-point estimating technique.

(6 marks)

iii. Determine FOUR (4) key competencies of a project manager.

(8 marks)

iv. Budgets are usually established during the initiation and planning phases of a project. Like all project management documents, the budget should be regularly reviewed and managed throughout the entire project life cycle. Identify THREE (3) best practices in creating a budget for a project.

(3 marks)

## Question 4

**Case study: Using mitigation strategies to manage single point of failure risks**

Let's imagine that Office Green uses plant seeds from a company in South America for the majority of its offerings. The plants produced by these seeds are in high demand by Office Green's customers. However, the local government on the suppliers' end just announced that it would be imposing a new tax on the exporting of seeds and produce. As a result, the price of the seeds suddenly becomes so high that it is difficult for the company to supply the seeds to Office Green, putting the project at risk of not having these seeds available to purchase.

*Source: Coursera, Google Project Management*

i. Determine the FOUR (4) risk mitigation strategies can be used for managing single point of failure risks in the Office Green.

(8 marks)

ii. As the project manager, creating a communication plan for your project is essential. Effective communication ensures smooth project execution, leads to improved results, and fosters a positive team environment. Determine the FOUR (4) tips for effective communication within the team.

(8 marks)

iii. Scrum consists of a small set of straightforward rules and practices, making it easy to comprehend. Still, achieving true mastery in Scrum is difficult, as it requires fully embracing and exemplifying its core pillars and values. Determine the FIVE (5) value of Scrum.

(5 marks)

iv. Generative AI is a form of artificial intelligence that can produce original content. These tools assist with both creative and practical work. Point out how AI tools can help a project manager manage the project.

(4 marks)

**Question 5**

The utilisation of generative AI in project management has a significant impact on service delivery. It assists project teams in managing projects more effectively and enables dynamic communication amongst team members. Additionally, it supports project managers in systematically overseeing projects and facilitating efficient communication within the team.

i. Outline FIVE (5) project manager characteristics

(15 marks)

ii. Generative AI helps project manager to work more efficient and creative. To get the most out of AI, it's important to write an effective prompt. Identify the framework to create a good prompt.

(10 marks)

**END OF EXAMINATION PAPER**