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KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2024/2025 ACADEMIC YEAR
FOURTH YEAR, FIRST SEMESTER EXAMINATION
FOR THE BACHELOR OF BUSINESS AND INFORMATION TECHNOLOGY
KBA 2401 – INFORMATION SYSTEMS AND PROJECT MANAGEMENT

Date: 13TH December 2024
Time: 11:30AM – 1:30PM

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Outline the primary uses of a PMIS in project management (5 Marks)
- b) Discuss three advantages of using a cloud-based PMIS (3 Marks)
- c) Describe two key differences between project objectives and project goals (2 Marks)
- d) Explain a SMART framework and its relevance in establishing project objectives (2 Marks)
- e) Describe the key components of a Gantt chart and discuss how each contributes to effective project planning (8 Marks)
- f) What situations or project characteristics make a Gantt chart particularly useful? Discuss with examples. (4 Marks)
- g) Explain the advantages of managing projects in a paperless environment, focusing on how it enhances collaboration, security, and cost-efficiency (3 Marks)
- h) Analyze the security features of groupware and explain their importance in project management. (3 Marks)

QUESTION TWO (20 MARKS)

- a) Explain the subsystems that make up a comprehensive project management ecosystem and discuss their roles in ensuring project success (6 Marks)
- b) Evaluate the essential features of project management software and their impact on project efficiency (6 Marks)
- c) Discuss the benefits of a structured Project Management System and how it can lead to repeated project success (4 Marks)
- d) Examine how budget considerations can impact the choice of a Project Management System (4 Marks)

QUESTION THREE (20 MARKS)

- a) Discuss the significance of the project environment in project management and how it influences project success (4 Marks)
- b) Discuss how the physical environment can affect project management and what steps project managers can take to mitigate related risks. (4 Marks)
- c) Analyze the impact of the political environment on project management. What challenges might project managers face? (4 Marks)
- d) Examine how the economic environment affects project budgeting and cost estimation in project management (4 Marks)
- e) Discuss the importance of technological awareness in the project management environment. How can technology influence project outcomes? (4 Marks)

QUESTION FOUR (20 MARKS)

- a) Discuss the importance of project design in the project management lifecycle (5 Marks)
- b) Critique the methods used for risk identification in project design and their implications for project success (5 Marks)
- c) Discuss the significance of stakeholder communication throughout the project design process (5 Marks)
- d) Evaluate the seven steps involved in creating a successful project design and their significance (5 Marks)

QUESTION FIVE (20 MARKS)

- a) Explain best practices for maintaining an effective paperless project management environment and discuss how they contribute to project success (5 Marks)
- b) Explain the tasks that can be computerized in project management? (5 Marks)
- c) Evaluate the role of the social and cultural environment in project management. What are the key considerations for project managers? (5 Marks)
- d) Examine how the economic environment affects project budgeting and cost estimation in project management. (5 Marks)