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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
FOURTH YEAR, FIRST SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF BUSINESS
INFORMATION TECHNOLOGY
SPECIAL EXAMINATION

Date: 14th December, 2022
Time: 11.30am –1.30pm

KBA 2401 - INFORMATION SYSTEMS OF PROJECT MANAGEMENT

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Define the term project management. (2 marks)
- b) Discuss the major dimensions of a project, describing how these parameters are interrelated to each other. (6 marks)
- c) Describe any two productivity drivers you might consider when estimating the effort required to complete an IT project. (4 marks)
- d) Discuss the project life cycle. (8 marks)
- e) Explain any three benefits of project management. (6 marks)
- f) State any four risks of a project. (4 marks)

QUESTION TWO (20 MARKS)

- a) Define the term network as used in project management. (2 marks)
- b) Draw a network to represent the following activities:
 - i) Activity "A" is preceding activity of "B". (2 marks)
 - ii) Activity "A" and "B" are concurrent. Activity "C" cannot start until both the activities "A" and "B" are completed (2 marks)
 - iii) Activity "B" and "C" are concurrent activities. Any one of these cannot start until activity "A" is completed (2 marks)
 - iv) Neither activity C nor D can start until both the activities A and B are completed. But C and D can start independently (2 marks)
- c) Discuss the five steps of network analysis. (10 marks)

QUESTION THREE (20 MARKS)

- a) Define feasibility study? What does it focus on? (10 marks)
- b) Discuss any four methods of doing financial analysis. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Describe four important activities found in the execution phase in the project life cycle. (8 marks)
- b) Discuss the main characteristics of a project. (6 marks)
- c) Highlight six causes of a project failure. (6 marks)

QUESTION FIVE (20 MARKS)

- a) Outline any six roles of a Project Manager. (6 marks)
- b) Describe the steps commonly used in estimating project effort by analogy. (8 marks)
- c) Discuss any three disadvantages when attempting to estimate by expert judgment. (6 marks)