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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 INFORMATION TECHNOLOGY
KBA 2401 INFORMATION SYSTEMS OF PROJECT MANAGEMENT

Date: 20TH August 2024
Time: 11:30AM – 1:30PM

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Differentiate between the term project and project management (4 Marks)
- b) Describe the role of the Software Quality Assurance(SQA) (2 Marks)
- c) Outline TWO advantages of each of the following project planning tools
 - i) Work Break Down Structure WBS
 - ii) A Gantt chart (4 Marks)
- d) Explain four qualities of an effective project manager (4 Marks)
- e) Describe five different types of plans that can be created to help support the main software project plan, which is concerned with schedule and budget. (5 Marks)
- f) Examine the five components of a computer-based information system (5 Marks)
- g) Explain the three types of risks (6 Marks)

QUESTION TWO (20 MARKS)

- a) Describe the factors that lead to IT project failures (8 Marks)
- b) Regardless of how clear and concise your change management plan is, you will find varying levels of resistance and people questioning the motive for change. Discuss the six Kotter and Schlesinger's change approaches set out to deal with resistance to change (12 Marks)

QUESTION THREE (20 MARKS)

- a) Risk management is one of the most important jobs for a project manager. Discuss the benefits of managing software project risks (10 Marks)
- b) Examine any five major types of information systems (10 Marks)

QUESTION FOUR (20 MARKS)

- a) Describe any three tools and techniques that help project managers perform activity duration estimates (6 Marks)
- b) Identify and elaborate why information systems matter in a project management (14 Marks)

QUESTION FIVE (20 MARKS)

- a) Project time management is often cited as the main source of conflict on projects, and most IT projects exceed time estimates. Describe the main processes carried out during project time. (10 Marks)
- b) Use the activity schedule below to answer the question that follows.

ACTIVITY	PRECEDING ACTIVITY	DURATION WEEKS
A	-	8
B	-	6
C	A	2
D	C,E	8
E	B	10
F	B	4
G	F,H	3
H	C,E	7
I	C,E	9
J	F,H	3
K	J,I,D	5

- i) Draw a fully analyzed activity-on-node network diagram for this project, using a standard node convention, to display the duration, the earliest and latest start and end dates and the float for each activity. (4 Marks)
- ii) Determining the critical path for project and state the minimum duration, in weeks for the project to be completed first (6 Marks)