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

KBA 2309 – BUSINESS DECISION SUPPORT SYSTEMS

Date: 9th December, 2022
Time: 2:30 – 4:30pm

INSTRUCTIONS TO CANDIDATES
ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

a)   Discuss any four benefits of Phased Development of decision support systems   (4 marks)

b)   Describe any six benefits of using of Heuristics in Problem Solving.   (6 marks)

c)   State and explain any three conventions for Drawing Networks.   (6 marks)

d)   Describe any four criterions of decision making under uncertainty.   (8 marks)

e)   Describe any three key areas that determine the relative difficulty of a decision.   (6 marks)

QUESTION TWO (20 MARKS)

a)   Carrefour Supermarket is in the process of implementing a decision support systems in their ERP, describe any three Project Management activities they are likely to factor in
(6 marks)

b)   Using a suitable diagram describe any five Dimensions of Decisions.
(5 marks)

c)   Discuss any five tools for drawing Project Management Models.
(5 marks)

d)   State and explain any two special-purpose models for linear programming.
(4 marks)

d)   Discuss any five features of an Enterprise Information System.
(5 marks)

QUESTION THREE (20 MARKS)

a)   State and explain any five common implementation challenges for decision support systems.

(8 marks)

b)   State and explain any five basic factors that lead to the composition of power according to Rowe.

(6 marks)

c)   Using relevant example state and explain any four Applications of Decision Theory Models.

(6 marks)

QUESTION FOUR (20 MARKS)

a)   Discuss five different types of general controls In management information Systems security

(10 marks)

b)   List five devices that could be present in a simple computer network

(5 marks)

c)   Describe five reasons why an organization would prefer to use decision support systems for middle-level managers

(5 marks)

QUESTION FIVE (20 MARKS)

a)   Using relevant application examples describe any five uses of Decision Theory Models.

(5 marks)

b)   State and explain any six forces of decision effectiveness.

(6 marks)

c)   Using relevant examples describe any four Model Classifications of decision structures.

(4 marks)

d)   Supply Chain Management helps Reduction in uncertainty and risks in the supply chain, state and explain any areas that SCM Positively affect.

(5 marks)