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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2019/2020 ACADEMIC YEAR
FOURTH YEAR, SECOND SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR SCIENCE
(COMPUTER SCIENCE)

Date: 11th April, 2019
Time: 11.00am – 1.00pm

KCS 408 – MANAGEMENT INFORMATION SYSTEMS

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Define the term information system (2 Marks)
- b) Analyze the attributes to be considered before deploying an information system resource to the cloud. (4 Marks)
- c) Discuss differences between a transaction processing system (TPS) and a management information system (MIS). (4 Marks)
- d) Explain five major threats to information system resources. (5 Marks)
- e) Highlight the characteristics of quality information (5 Marks)
- f) Discuss the challenges that face management during implementation of information systems (10 Marks)

QUESTION TWO (20 MARKS)

- a) Information systems are increasingly playing a vital role in increasing firms' competitive advantage. Using two organizations you are familiar with describe how they have used information systems to achieve competitive advantage. (10 Marks)
- b) With examples describe types of decisions applied by organizational managers. (10 Marks)

QUESTION THREE (20 MARKS)

- a) Highlight the factors to consider when purchasing computer hardware and software. (10 Marks)
- b) Describe business information systems while giving an example of the type of staff member who would use each type. (10 Marks)

QUESTION FOUR (20 MARKS)

- a) Describe the moral dimensions that are brought about by implementation of MIS in organizations, illustrating with examples from real life. (10 Marks)
- b) Explain the transformational changes brought by IT/IS. (10 Marks)

QUESTION FIVE (20 MARKS)

- a) In the context of information systems, explain the meaning of the following concepts:
- i) Boundary
 - ii) Feedback
 - iii) Control
 - iv) Processing (8 Marks)
- b) Explain the term network topology and illustrate any five network topologies (12 Marks)