

2017/2018 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE DEGREE OF MASTERS OF BUSINESS ADMINISTRATION

DIS 511: INFORMATION SYSTEMS

DATE: APRIL 23, 2018 TIME: 2:00 PM - 5:00 PM

INSTRUCTIONS:

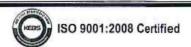
Answer any FOUR questions

QUESTION ONE (25 MARKS)

- a) Discuss why the study of ethics is paramount to information systems practitioners (5 marks)
- Modern business managers should have knowledge of information systems. Describe in your own words, how information systems knowledge can transform organizations (5 marks)
- c) As information technology's power and ubiquity have grown, its strategic importance has diminished. Discuss in support of this statement (5 marks)
- d) Explain any five business models that have been brought about by internet technologies.
 (5 marks)
- e) University of Embu is deliberating on whether to introduce an ERP system that is likely to have a consequence of 30 employees being declared redundant. In making a decision on whether to procure or not to procure the ERP system, list any Five candidate ethical principles that can guide the decision making process (5 marks)

QUESTION TWO (25 MARKS)

a) Business world-over are increasingly investing in telecommunications and networks. List any five
 business value impacts of the telecommunications and networks (5 marks)



- Assess the challenges posed by information systems in the organizations and how the challenges identified can be addressed (10 marks)
- c) In your own words, explain any five reasons why information systems need special protection from destruction, error, and abuse
 (10 marks)

QUESTION THREE (25 MARKS)

- using Porter's Five Forces model, discuss how information technology can help an organization remain competitive (10 marks)
- b) Many organizations nowadays store their data in databases as opposed to using traditional files. Describe in your words, any **five** problems associated with the traditional file environment and how databases address the problems. (15 marks)

QUESTION FOUR (25 MARKS)

- a) Decision support systems are very crucial to professionals who are in the middle management within organizations. Describe any two components of decision support systems (5 marks)
- b) A two way relationship exists between information technology and organizations. Discuss this concept by looking at how the two influence each other. (10 marks)
- c) Many firms nowadays opt to outsource IT infrastructure rather than developing them from scratch in their firms. In your own words, discuss any five challenges of outsourcing

(10 marks)

QUESTIONFIVE (25 MARKS)

- Several approaches can be used by an organization when changing from an old system to a new system. Discuss any two conversion strategies (5 marks)
- b) Discuss any **four** enterprise applications. Include the business value of the application and challenges encountered when implementing these enterprise applications (20 marks)

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