



TECHNICAL UNIVERSITY OF MOMBASA
INSTITUTE OF COMPUTING AND INFORMATICS

Select department

UNIVERSITY EXAMINATION FOR:
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
BIT 2210: BUSINESS INFORMATION STRATEGY
END OF SEMESTER EXAMINATION

SERIES: DECEMBER 2016

TIME: 2 HOURS

DATE: Pick Date Select Month Pick Year

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other **TWO** questions.

Do not write on the question paper.

Question ONE

- a) Describe a 'Strategic Information System' (5 Marks)
- b) Briefly describe the following IT concepts giving at least one example of application (9 Marks)
- i) Virtual reality
 - ii) Business redesigning
 - iii) Electronic commerce
- c) Describe four benefits gained by implementing informal or formal Knowledge Management plans (4 Marks)
- d) Explain two general benefits of adopting e-business to an organisation. (4 Marks)

- c) Explain the challenges that organizations face while adopting and implementing new technologies (8 Marks)

Question TWO

- a) Describe the following business planning steps (10 Marks)

- i) Objective setting
- ii) Future strategies

- b) Briefly describe TWO examples that shows continuous innovation in ICT in the following sectors (10 marks)

- i) Public security
- ii) Commerce/Trade

Question THREE

- a) Describe the following classes of strategic information systems (10 Marks)

- i) Business aligning
- ii) Business Impacting

- b) Using a four stage life-cycle, explain the class of information system appropriate for each stage. (10 Marks)

Question FOUR

- a) Describe the following IT/IS strategies as applied to organizations (10 Marks)

- i) Decentralised
- ii) Hive Off

- b) Explain the application of IT in solving the following organizational crisis (10 Marks)

- i) Functional/delegated structure
- ii) Red tape in coordinated/Federal structure

Question FIVE

- a) Explain the factors considered when eliciting Critical Success Factors (CSFs). (10 Marks)

b) Using a well labeled “Strategic Importance Analysis matrix”, explain the deployment of IS/IT in the organization’s current and future life. (10 Marks)