

INSTRUCTIONS TO CANDIDATES

- i. Answer Question **ONE** and any other **TWO** questions.
- ii. Maps and diagrams should be used whenever they serve to illustrate the answer.
- iii. Do not write on the question paper.

Question One

a) Digital firms offer extraordinary opportunities for more global organization and management. For managers of digital firms, IT is not simply a useful hand but rather it is the core of business and a primary management tool. In light of this discuss four major system that help define the digital firm (4 marks)

b) Assess how information systems support the activities of managers and management decision making. (4 marks)

c) Name the basic requirements for internet connectivity. (2 marks)

d) Evaluate the advantages of using the following wireless technologies (6marks)

- i. Fibre optic technology
- ii. Satellite transmission technology

e) Examine four major types of information systems, and give at least two information outputs to be expected from each one. (8marks)

f) To be effective, an information system requires input from disciplines beyond the simply technical. Discuss the influence of at least three of these disciplines on the creation and maintenance of an effective information system. (6marks)

Question Two

a) Internet corporate applications based on the web page model can be made interactive using a variety of media, text, audio, and video. Discuss six Organizational benefits of intranet (12marks)

b) Many companies today are focusing on building new information system that will improve their business processes. Small of these system projects represents radical restructuring of their business processes, whereas others entail more incremental change. Explain Steps in Effective Re-engineering of business process (8marks)

Question Three

- a) Describe with illustrations the common database models (10marks)
- b) Illustrate How Management Information System are Useful to Companies (10 marks)

Question Four

- a) Name the basic requirements for internet connectivity. (5 marks)
- b) Describe five hardware components in a computer system (5 marks)
- c) Evaluate the principle payment systems in an online business (4 marks)
- d) Describe the four strategies that a business must develop to counter the five competitive forces (6 marks)

Question Five

- a) The introduction of new information technology has a ripple of effect, raising new ethical, social and political issues that must be dealt with on the individual, social and political levels. These issues have moral dimensions. In view of these, analyse five moral dimension brought about by these issues. (5 marks)
- b) Identify the five step process for analyzing an ethical issue. (5marks)
- c) Discuss four system conversion strategies that may be employed when implementing a new system (10marks)