

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY
DEPARTMENT OF INFORMATION AND MEDIA TECHNOLOGY
FIRST SEMESTER 2017/2018 SESSION, CIT416- MIS
INSTRUCTION: ANSWER ALL THE QUESTION. TIME: 2 HOURS

- 1(a) Describe what is meant by Management Information System (MIS). Include in your answer one example of how an MIS can be used (3 marks)
- (b) Explain the idea of digital firm (2 marks)
- (c) In digital firms, both time shifting and space shifting are the norm. What does these imply? (2 marks)
- (d) Explain THREE levels of business organization, and highlight the different information requirements at each level (9 Marks)

2(a) ABUCAS - an upcoming transport and logistics company has decided that it will no longer requires a Head Office and its strategic aim is to become a virtual organisation. Discuss the various MIS technologies that could be used to create a virtual organisation for the company (10 marks)

(b) Petwilson, the acting ABUCAS's auditors have concerns that information held by the virtual company would lack security. List and describe FIVE measures that could be adopted to ensure this information remains secure (8 marks)

3 (a) In a concise form, what is Porter's competitive forces model all about? (2 marks)

(b) Discuss how Information Technology (IT) influences Porter's competitive forces model. (6 marks)

(c) Information Technology has been adjudged as capable of transforming any organization. But why is there resistance to the introduction of information systems in some organizations? (2 marks)

(d) Explain the economic theories that buttress how information systems affect organizations (3 marks)

4 Discuss the similarities and differences between EACH of the following pairs of MIS-related concepts:

(a) Enterprise Resource Planning (ERP) data repository and Data Mart.

(b) Decision Support System (DSS) and Group Decision Support System (GDSS).

(c) E-business and E-commerce (6 marks)

Good Luck!!!