Management Information Systems

DATE: APRIL 2026 **TIME:**

BCM305/ BUS3223/ BIT301: MANAGEMENT INFORMATION SYSTEMS ONLINE

QUESTION 1 (COMPULSORY) (30 MARKS)

(a) Explain **TWO** components of a Management Information System. **(4 Marks)**

(b) Discuss **TWO** components of a Decision Support System. **(4 Marks)**

(c) Explain **TWO** advantages of integrating Information Technology in a business. **(4 Marks)**

(d) Discuss **TWO** types of information that a Management Information System could provide a company with. **(4 Marks)**

(e) During the COVID 19 pandemic season to date, a number of organizations whose staff work from home have reported increased cases of internet security threats from time to time. Explain any **THREE** such threats.
(6 Marks)

(f) Two firms; Kesho and Jana operate in a region. Kesho is a digital firm but Jana is not.

(i) Distinguish between the two types of firms; **(4 Marks)**

(ii) Explain **TWO** reasons why Kesho should perform better than Jana. **(4 Marks)**

QUESTION 2 (10 MARKS)

(a) AJEX Enterprises recently implemented a Management Information System. Explain **TWO** justifications for having such a system in the organization. **(4 Marks)**

(b) Pata-yake is a large manufacturing firm that has been convinced to acquire an enterprise resource planning (ERP) system. Discuss **THREE** disadvantages that it should expect of such a system. **(6 Marks)**

QUESTION 3 ***(10 MARKS)***

(a) Maji Mazuri Limited installed a network. Explain **TWO** advantages of this move to the organization. **(4 Marks)**

(b) Differentiate between System software and Application software and list **TWO** relevant examples for each software. **(6 Marks)**

QUESTION 4 ***(10 MARKS)***

(a) Outline **TWO** basic components of a telecommunications network. **(2 Marks)**

(b) Innovation through information technology has created a number of radical changes in businesses. Discuss any **TWO** of these changes. **(4 Marks)**

(c) Ubunifu Limited intends to transform itself with the use of ICT into an agile firm. Explain, with an example, the implication of this transformation to the firm in terms of its subsequent operations.
(4 Marks)

QUESTION 5 ***(10 MARKS)***

(a) Anex Limited implemented a Decision Support System. Highlight **TWO** characteristics of such a system. **(2 Marks)**

(b) Explain, with a relevant example in each case, **TWO** types of Transaction Processing Systems. **(2 Marks)**

(c) (i) Distinguish between behavioural and technical approach to information systems. **(2 Marks)**

(ii) Discuss what can happen to an organization's performance if the organization does not consider both approaches in addressing the problems with its information systems. **(4 Marks)**

End of Exam