



### **QUESTION THREE**

- a) Using an Information System of your choice, discuss the major steps you will follow to develop and implement an effective Management Information System (10 Marks)
- b) An organization is experiencing a high turnover of experienced staff in IT Department. Explain possible reasons for the high turnover and strategies the organization can adopt to maintain its staff (10 Marks)

### **QUESTION FOUR**

- a) Organizations engaging in online transaction have encountered increased cyber threats and attacks in recent times.
  - i. Explain FIVE (5) negative impacts of cyber attacks to the business (5 Marks)
  - ii. Explain FIVE (5) types of cyber attacks and how the business can protect its information assets against these attacks (5 Marks)
- b) Mobile money transfer systems have transformed the economy and lives of people in our country. Explain FIVE implications of mobile money transfer as a 21<sup>st</sup> Century e-payment technology and system (5 Marks)

### **QUESTION FIVE**

- a) Using a diagram, explain the management levels of the organization and the type of Management Information System it supports at each level (10 Marks)
- b) Explain how an organization can use strategic information systems to gain competitive advantage over other organizations (10 Marks)