



PIONEER INTERNATIONAL UNIVERSITY

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UNIVERSITY EXAMINATIONS

ACADEMIC YEAR: 2020/2021

UNIT NAME: INFORMATION TECHNOLOGY

SEMESTER: September - December 2021

UNIT CODE: BSIT 1110

DATE: December 2021

TIME: 2 HOURS

IMPORTANT NOTICE !!!!!!!!!!!

The following are the possible consequences if found guilty of an Examination Offence:

- a) **Expulsion from the University.**
- b) **Academic Leave.**

INSTRUCTIONS: Answer question one (30 marks) and any other two

QUESTION ONE (COMPULSORY)

- a. The choice of output medium depends on a number of factors. Discuss the characteristics of computer (5 Marks)
- b. Differentiate between Random Access Memory and Read Only Memory (5 Marks)
- c. State and explain the FIVE network topologies (5 Marks)
- d. Many organizations have adopted computers. Discuss the five applications of internet in an organization (5 Marks)
- e. The evolution of computers started with the first generation to fifth generation. Discuss the various characteristics that each computer generation had. (10 Marks)

QUESTION TWO

- a. For information to be useful in decision making, it must have desirable qualities. State and explain five of the qualities (5 Marks)
- b. Discuss the different kinds of computer languages (5 Marks)
- f. Discuss five disadvantages of computer to the society (5 marks)
- g. State and explain five characteristics of Information Systems (5 marks)

QUESTION THREE

- a. Computer Security is an important concern in many organizations in this information age. The introduction of computers has resulted to computer crimes. Discuss the different computer crimes and ways of mitigating them [10 Marks]
- b. In every organization, there exists three level of management. Using a diagram discuss the various decisions made at each level of management and the information needed at the respective levels. (10 marks)

QUESTION FOUR

- a. Differentiate between the different types of computers (10 Marks)
- b. Information Systems provide feedback on organizational processes for control and decision-making. With reference to this statement, discuss the different types of Information Systems (10 Marks)