

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF COMMERCE

DEPARTMENT OF MARKETING

INFORMATION SYSTEMS (BS217)

DURATION: 3 HOURS

JUN 2024

INSTRUCTIONS TO CANDIDATES

1. Answer any four questions
2. Start the answer to each question on a fresh page.
3. No unauthorized material or items should be brought into the examination room.

QUESTION 1

Explain the following terms as they are used in information systems:

- | | |
|----------------------------------|-----------|
| a) Distributed processing | (5 marks) |
| b) Batch processing | (5 marks) |
| c) Centralised processing | (5 marks) |
| d) Transaction processing system | (5 marks) |
| e) Office automation system | (5 marks) |

QUESTION 2

Using the Value Chain Model describe how information technology can be used to gain competitive advantage. (25 marks)

QUESTION 3

Examine any five types of information systems?

(25 marks)

QUESTION 4

a) With the aid of a diagram, describe the components of a computer system.

(10marks)

b) Discuss the fundamental roles of information systems in a business of your choice?

(15 marks)

QUESTION 5

a) Describe any five roles of an operating system.

(10marks)

b) Explain the main purposes of communication network.

(15marks)

QUESTION 6

a) Describe computer clouding.

(5marks)

b) Explain any five factors that are considered when buying a computer system.

(10 marks)

c) Outline any five types of network topologies.

(10 marks)

THE END