



PAN AFRICA CHRISTIAN UNIVERSITY

BACHELOR OF SCIENCE INFORMATION TECHNOLOGY AND BACHELOR OF BUSINESS INFORMATION TECHNOLOGY

END OF SEMESTER EXAMINATION

DEPARTMENT: COMPUTING & INFORMATION TECHNOLOGY

COURSE CODE: BIT405 BSIT207

COURSE TITLE: CLOUD COMPUTING AND E-COMMERCE

CAMPUS: ROYSAMBU

EXAM DATE: WEDNESDAY, 2ND APRIL 2025

TIME: 6:00PM-9:00PM

INSTRUCTIONS

- This exam script has **TWO (2)** sections.
- Read all questions carefully before attempting.
- Answer All questions in Section **A** and any other THREE questions in Section **B**.
- Write only your **student number** on the answer booklet provided.
- None programmable calculators permitted
- Calculators on phones, tablets and computers are NOT permitted in Theory Papers

Section A (Compulsory)

Question One

- a) Explain the concepts "Cloud Computing" and "E-commerce" and their importance to modern organizations. [2 Marks]
- b) Differentiate between e-commerce and traditional commerce. [2 Marks]
- c) Analyze two fundamental advantages that cloud computing technology bring to scientific applications. [2 Marks]
- d) Discuss the components of cloud computing. [4 Marks]

Section B (Answer any 3 Questions)

QUESTION TWO

- a) Suppose you are hired as an e-marketing director in an e-commerce enterprise. Describe any four activities that you would engage in. [4 Marks]
- b) Discuss three security threats in the e-commerce and cloud computing environment citing the solution to each. [6 Marks]

QUESTION THREE

- a) Evaluate any two types of virtualization in cloud computing environment. [4 Marks]
- b) Describe the various technologies for Ecommerce and cloud computing. [6 Marks]

QUESTION FOUR

- a) Examine four requirements for any e-payments system. [4 Marks]

- b) Discuss three cloud computing services adopted by various organizations to solve their computing requirements.

[6 Marks]

QUESTION FIVE

- a) Analyze the impact of shared resources and multi-tenancy on cloud app. [4

Marks]

- b) With examples, discuss any three e-commerce business models. [6

Marks]

QUESTION SIX

- a) Discuss the benefits associated with trading in an e-marketplace. [4

Marks]

- b) Describe three Cloud Computing Deployment Models. [6

Marks]

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