



# ZIMBABWE EZEKIEL GUTI UNIVERSITY

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## FACULTY OF HEALTH, SCIENCE AND TECHNOLOGY

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### DEPARTMENT OF DIGITAL TECHNOLOGY

#### EXAMINATION PAPER

**COURSE CODE** : CDT 209  
**COURSE TITLE** : Cloud Infrastructure and Services  
**SPECIAL REQUIREMENTS** : None  
**DURATION** : 3 Hours  
**LEVEL** : 2.2  
**DATE** :

#### INSTRUCTIONS TO CANDIDATES:

1. Answer any 4 Questions from the whole paper.
2. The total Marks for the examination is 100.
3. The marks allocation for each question are indicated in square brackets[] .

### **Question 1**

- a) Cloud computing has brought many benefits and risks/drawbacks in organisations, Discuss. [25]

### **Question 2**

- a) Discuss the essential considerations that must be followed before going to cloud computing platform [25]

### **Question 3**

- a) Discuss the four architecture models cloud computing illustrating with diagrams their differences [25]

### **Question 4**

- a) Give an outline of the drawbacks of SaaS in cloud computing [15]
- b) Compare and contrast Cloud Computing and On-premise Computing. [10]

### **Question 5**

- a) Discuss the key components of AWS. [18]
- b) Explain the difference between cloud and traditional datacentres? [4]
- c) Give any three open source cloud computing platform databases? [3]

**End of Paper**