



ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF SCIENCE, TECHNOLOGY, AGRICULTURE AND FOOD
SYSTEMS DEVELOPMENT

DEPARTMENT OF INFORMATION SYSTEMS

EXAMINATION PAPER

COURSE CODE : BIS411
COURSE TITLE : Human Computer Interaction
SPECIAL REQUIREMENTS : None
DURATION : 3 Hours
LEVEL : 4.1
DATE : June 2024 14 JUN 2024

INSTRUCTIONS TO CANDIDATES:

1. Answer any **Four** Questions
2. Start each Question on a new page

There are 2 printed pages for this question paper

Question 1

- a) Define Human Computer Interaction [2]
- b) Describe roles of Human Computer Interaction [10]
- c) Explain the importance of HCI in developing computer applications [5]
- d) Describe the User Centre Approach when developing Software's [8]

Question 2

- a) Can you briefly describe the following components of Human Computer Interactions?
 - i. Human
 - ii. Interaction
 - iii. Computer [15]
- b) How does HCI consider accessibility for users with disabilities? [10]

Question 3

- a) Outline 3 user interface design principles you would consider when designing a website for Zegu [9]
- b) Describe how color use guidelines can be used in determining the color of your website [6]
- c) Describe the goals of evaluation when designing a website [10]

Question 4

Human Computer Interaction is a multi-faced discipline borrowing from various fields. Discuss [25]

Question 5

- a) User Support in Human Computer interaction is one of the key roles. Explain the key requirements of user support [15]
- b) Can you describe the approaches which can be used for user support [10]

End of Paper

0/10 am