



ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF HEALTH, SCIENCE AND TECHNOLOGY

DEPARTMENT OF DIGITAL TECHNOLOGY

EXAMINATION PAPER

COURSE CODE : CDT 401
COURSE TITLE : **CDT 401 Human Computer Interaction**
SPECIAL REQUIREMENTS : None
DURATION : 3 Hours
LEVEL : 4.1
DATE : August 2021

13 AUG 2021

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 [] .

Am 9.6

Question 1

- i. Define Human Computer Interaction [2 Marks]
- ii. Can you briefly describe roles of Human Computer Interaction [10 Marks]?
- iii. Why do you think HCI is important [5 Marks]?
- iv. Can you describe what you understand by User Centre Approach when developing Software's [8 Marks]

Question 2

Can you briefly describe the following components of Human Computer Interactions?

- i. Human
- ii. Interaction
- iii. Computer

[25Marks]

Question 3

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

Question 4

Human Computer Interaction is a multi-faced discipline borrowing from various fields.

Discuss [25 Marks]

Question 5

- i. User Support in Human Computer interaction is one of the key roles. Can you explain the key requirements of user support [15 Marks]?
- ii. Can you describe the approaches which can be used for user support [10 Marks]?

End of Paper