



ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF HEALTH, SCIENCE AND TECHNOLOGY

DEPARTMENT OF DIGITAL TECHNOLOGY

EXAMINATION PAPER

COURSE CODE : CDT 205
COURSE TITLE : Human Factors in IT
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) Discuss in detail the characteristics of LTM [10]
- b) Give a briefly explanation of the three different types of Memory. [15]

Question 2

- a) Write brief notes based on your understanding of the term “ergonomics” [5]
- b) Discuss the impact of incorporating ergonomics in organisations [15]
- c) Outline the methods that can be used to achieve the identified goals of ergonomics[5]

Question 3

- a) Write a brief discussion on the user and task Analysis Methods [15]
- a) Outline the User Interface Design / Development Process [10]

Question 4

- a) Describe the Preece process of Interface Design [20]
- b) Outline the three principles of user-centric design [5]

Question 5

- a) Outline the important features of a good interface design and how these features can be achieved [15]
- b) Give a short explanation of the STM working memory theory[10]

End of Paper