



ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF HEALTH, SCIENCE AND TECHNOLOGY

DEPARTMENT OF DIGITAL TECHNOLOGY

EXAMINATION PAPER

COURSE CODE : CDT 410
COURSE TITLE : **Mobile Computing**
SPECIAL REQUIREMENTS : None
DURATION : 3 Hours
LEVEL : 4.1
DATE : 2022

11 FEB 2022

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 [] .

1. Define the following terms
 - I. Mobile Computing [5]
 - II. Mobile Communication [5]
 - III. Mobile Hardware [5]
 - IV. Mobile Software [5]
 - V. Mobility in Mobile Computing [5]
2. (a) Give examples of Mobile Computing [10]
(b) What problems are associated with Mobile Computing [15]
3. (a) With the aid of a diagram, show the logical Architecture of 802.11 [15]
(b) Explain 3 basic schemes of an analogue modulation in mobile computing [10]
4. (a) What is Mobile Internet Protocol [5]
(b) What are the different components of a mobile Internet Protocol [20]
5. (a) Define dwell time [3]
(b) What are the advantages of a cellular system [8]
(c) What is the full form of a SIM Card [10]
(d) What information is stored on a SIM CARD [10]

End of Paper