



TECHNICAL UNIVERSITY OF MOMBASA

INSTITUTE OF COMPUTING AND INFORMATICS

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

UNIVERSITY EXAMINATION FOR:

CERTIFICATE IN COMPUTER MAINTENANCE AND ICT

EIT 1102: INTRODUCTION TO COMPUTERS AND OPERATING SYSTEMS

SPECIAL/ SUPPLEMENTARY EXAMINATION

SERIES: SEPTEMBER 2018

TI ME:2HOURS

DATE:Sep 2018

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt any **THREE** questions.

Do not write on the question paper.

Question ONE

- A. Define the following terms (4 marks)
 - i. Device Drivers
 - ii. Interrupt Handler
 - iii. File
 - iv. Authentication
- B. List the functions of a device driver (3 marks)
- C. Explain the different file type supported by operating systems (13marks)

Question TWO

- A. With the aid of a sketch describe the term desktop and outline the function of each part (5marks)
- B. Describe Network Operating systems noting their advantages and disadvantages. (15marks)

Question THREE

- A. Describe the boot process. (8 marks)
- B. Describe any three functions of an Operating system listing the activities undertaken by the OS under each function. (12 marks)

Question FOUR

- A. State the two ways to turn off a computer (4 marks)
- B. What are the advantages of GUI? (3 marks)
- C. Explain the three types of interrupts (6 marks)
- D. List the different types of windows citing examples (7 marks)

Question FIVE

- A. Describe safe mode boot process? (10 marks)
- B. Name any 5 DOS commands stating their use. (10marks)