



TECHNICAL UNIVERSITY OF MOMBASA
INSTITUTE OF COMPUTING AND INFORMATICS

Select department

UNIVERSITY EXAMINATION FOR:

CICM/SEP2016/S-PT, CGD/SEP2016/S-FT, CMAC/SEP2016/S-FT,

CCAM/SEP2016/S-FT , CTEE 2017S Y1S1

EIT 1101: COMPUTER APPLICATION1

SPECIAL/ SUPPLEMENTARY EXAMINATION

SERIES: SEPTEMBER 2018

TIME: 2HOURS

DATE: Pick 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 question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE

- a) Briefly explain the following terminologies as used in computer application (10 marks)
 - i. Word processing
 - ii. Spreadsheet
 - iii. PowerPoint Presentation
 - iv. Graphic presentation
 - v. Computer security
- b) Define a database. (2marks)
- c) List four examples of database programs in the market today (2marks)
- d) Explain the Three types of database models (6marks)
- e) Define the following terminologies of the document views: (10 Marks)
 - (i) Print layout
 - (ii) Full screen reading
 - (iii) Web layout
 - (iv) Outline
 - (v) Draft

Question TWO

- a) Explain five application areas where spreadsheet software can be used (10marks)

b) List and explain any five advantages of using electronic word processor. (10 Marks)

Question THREE

- a) Define the term booting. (4 marks)
- b) State and explain the two types of booting. (6 marks)
- c) Word processing package is suitable in the preparation of textual documents among others. Identify with examples **THREE** features supported by the Word Processor. (6 Marks)
- d) State two advantages and two disadvantages of databases in an organization (4 marks)

Question FOUR

- a) Computers have various applications in the real life situation. Describe four application areas in which computers are being used at our homes (8 Marks)
- b) Briefly explain the classification of computer according to historical development (generations) (8 marks)
- c) Distinguish between warm booting and cold booting. (4 marks)

Question FIVE

- a) For efficient computer communication, an input-output computer interface is desirable. Name and explain two input devices and two output devices relevant for such communication. (8 Marks)
- b) The diagram below shows a picture that was removed from the excel sheet.

	A	B	C	D	E	F	G
1	Tax Rate	1.15					
2							
3	Item	Price	After Tax				
4	Matress	50					
5	Chairs	10					
6	Desks	65					
7	Lamp	5					
8	Table	35					
9							
10							
11							
12							

- i) Write the formula that can be used to calculate the price of mattress after Tax. (2 marks)
- ii) Copy and paste the formula column wise into the remaining cells. Write down these formulas. (8 marks)
- c) Define 'Range' as used in spreadsheets. (2 marks)