



THE TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN MASS MEDIA (DMM)

EIT 2130: COMPUTER APPLICATION

END OF SEMESTER EXAMINATION

SERIES: APRIL 2013

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

This paper consists of **FIVE** questions. Attempt question **ONE** and any other **TWO** questions

Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

Question One (Compulsory)

- a) Describe the characteristics of information under the following subtopic: **(9 marks)**
(i) Context
(ii) Time
(iii) Form
- b) Discuss **SIX** purposes why computer is being used in almost all field today. **(6 marks)**
- c) Explain the factors to consider before installation of an operating system in your computer. **(5 marks)**
- d) Discuss the sources of viruses and symptoms of viruses on a computer. **(10 marks)**

Question Two

- a) Define an operating system and explain the functions of operating system. **(10 marks)**
- b) What factors do you consider before purchasing a secondary storage device? **(10 marks)**

Question Three

- a) Computers have evolved and will keep on evolving. Explain the major changes which have been identified in computers. **(10 marks)**
- b) Discuss **FIVE** different service tools/system tools and mention the importance of each. **(10 marks)**

Question Four

- a) Define software and describe the disadvantages and advantages of suite packages. **(10 marks)**
- b) Differentiate between LAN and WAN. **(10 marks)**

Question Five

- a) Discuss **FIVE** features common in all Microsoft packages. **(10 marks)**
- b) Giving examples in each, write notes under the following: **(10 marks)**
(i) Word processing
(ii) Database management system
(iii) Presentation packages
(iv) Spreadsheet
(v) Publishing packages