



**THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE**

**(A Constituent College of JKUAT)**

(A Centre of Excellence)

# **Faculty of Engineering & Technology**

**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

**DIPLOMA IN INFORMATION & COMMUNICATION TECHNOLOGY  
(DICT 10M)**

**EIT 2301: NETWORK II**

**SPECIAL/SUPPLEMENTARY EXAMINATION**

**SERIES: OCTOBER 2012**

**TIME: 2 HOURS**

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*

This paper consist of **FIVE** questions

Answer 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

**SECTION A (COMPULSORY)**

**Question One (20 marks)**

- a) Define the following terms: **(10 marks)**  
    i) Networking  
    ii) Planning  
    iii) Local Area Networking  
    iv) Topology  
    v) Intranet
- b) Explain the factors that make a company wish to install a network. **(6 marks)**
- c) Enumerate the steps followed to map a network drive. **(4 marks)**

**SECTION B (Answer Any Two Questions)**

**Question Two (20 marks)**

Explain **TEN** requirements you need to take stock about your computers before you plan your network. **(20 marks)**

**Question Three (20 marks)**

- a) Explain the meaning of Microsoft System Information. **(4 marks)**
- b) List the advantages of using a dedicated server on a network. **(6 marks)**
- c) Enumerate the steps followed to install a network printer. **(6 marks)**
- d) Enumerate the steps followed to configure network connection. **(4 marks)**

**Question Four (20 marks)**

Explain **FIVE** types of servers found in a Network. **(20 marks)**

**Question Five (20 marks)**

- a) Microsoft Visio is a useful software for network planning. Discuss. **(8 marks)**
- b) Explain the roles/duties of a Network Administrator. **(12 marks)**