



EMBU UNIVERSITY COLLEGE
(A CONSTITUENT COLLEGE OF THE UNIVERSITY OF NAIROBI)

TRIMESTER EXAMINATIONS 2013/2014
FIRST YEAR EXAMINATION FOR THE CERTIFICATE OF COMPUTER AND
PORTABLE DEVICE REPAIR AND MAINTENANCE
CRM 025: COMPUTER SERVERS

DATE: AUGUST 14, 2014

TIME: 11.00AM – 1.00PM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE

- a) What is a server (2 marks)
- b) Explain and describe the following types of servers
- i.) Mail server (3 marks)
 - ii.) Proxy server (3 marks)
 - iii.) Web server (3 marks)
 - iv.) Application server (3 marks)
 - v.) Database server (3 marks)
 - vi.) File server (3 marks)
- c) Explain redundancy as used in servers (5 marks)
- d) Giving examples, explain what is server operating System (5 marks)

QUESTION TWO

- a) Explain RAID as used in servers (5 marks)
- b) Define and explain the following protocols:
- i.) FTP (2 marks)
 - ii.) SMTP (2 marks)
 - iii.) HTTP (2 marks)
 - iv.) SSH (2 marks)
 - v.) POP (2 marks)

QUESTION THREE

During the Server Edition installation you have the option of installing additional packages from the CD. Explain the different packages (15 marks)

QUESTION FOUR

In reference to question 3 above write a code that will help install each package (15 marks)

QUESTION FIVE

Write down the process step by step how you partition RAID array disks (15 marks)

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