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# **UNIVERSITY OF KABIANGA**

**UNIVERSITY EXAMINATIONS**

**2015/2016 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER EXAMINATION**

**FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRO-FORESTRY AND RURAL DEVELOPMENT**

**COURSE CODE: FOR 321**

**COURSE TITLE: COMPUTER APPLICATIONS**

***DATE: 5TH APRIL, 2016* *TIME: 2 P.M- 5 P.M***

**INSTRUCTIONS:**

***ANSWER ALL QUESTIONS IN SECTION A AND ANY OTHER TWO QUESTIONS IN SECTION B.***

***INCLUDE ILLUSTRATIONS WHERE APPROPRIATE***

**SECTION A: (30 marks)**

1. Explain the following concepts as used in terms of computer applications.
2. Monitor. (2 marks)
3. CD-ROM Drive. (2 marks)
4. RAID array controller. (2 marks)
5. Motherboard. (2 marks)
6. Programming. (2 marks)
7. Distinguish between the application software and system software. (4 marks)
8. Distinguish between machine language and assembly language. (4 marks)
9. Explain the difference between Batch processing and Time-sharing. (4 marks)
10. Explain the relationship between World Wide Web (www), Web page and uniform resource locator (URL). (4 marks)
11. Highlight the principal advantages of computers. (4 marks)

**SECTION B: (40 marks)**

1. Discuss the principal PC software packages and their applications in computers. (20 marks)
2. Discuss the different types of digital computers highlighting the differences between them. (20 marks)
3. a) Discuss the four main features of database management software for microcomputers. (8 marks)

b) Discuss the main tasks that can be performed by Database management packages. (12 marks)