THE COPPERBELT UNIVERSITY

SCHOOL OF MATHS AND NATURAL SCIENCES

COMPUTER SCIENCE DEPARTMENT

BF240 TEST 2 deferred   11th DECEMBER, 2013

TIME: 1hr 30 min.

Answer all questions and be as brief and as precise as possible in your explanations.

Q 1   Application software includes proprietary application software also known as inbuilt software and Off-the-shelf application software. Discuss these two types of software. **[4 marks].**

Q 2   Popular word processing packages include WordPerfect, MS-Word, and MacWrite. These word processing packages allow users to do the interesting features. State and briefly discuss 6 of these features**. [6 marks]**

Q 3   State and discuss 4 principal features of database management software. **[6 marks]**

Q 4   State and briefly describe the four ways in which an organization can be structured. **[6 marks]**

Q 5   Define the following Organizational structural terminologies. **[4 marks]**
        i) Span of control ii) Hierarchy of authority   iii)   Chain of command   iv)   Line positions

Q 6   Most IT departments are organized into five functional areas. State and briefly discuss 3 of these functional areas **[6 marks]**

Q 7   Security controls are measures taken to safeguard an information system from attacks against the confidentiality, integrity, and availability (C.I.A.) of the information system. Briefly discuss this statement highlighting the effects of the attacks on CIA. **[4 marks]**

Q 8   Briefly describe the following technologies or tools for Information Systems security and control**.
        [4 marks]**
        i)   Encryption   ii)   Authorization   iii) Authentication and iv) Firewalls

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