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**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**

**SEPTEMBER/OCTOBER 2015 EXAMINATION**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**COURSE CODE: CIT701**

**COURSE TITLE: FOUNDATION OF INFORMATION & COMMUNICATION TECHNOLOGY**

**TIME ALLOWED: 3 Hours COURSE UNIT: 3**

**INSTRUCTION: Answer Any Five Questions**

1a. Define the following terms:

 i) Computer 2 ½marks

 ii) Software 2 ½marks

 iii) System software 2 ½marks

 iv) Computer programming language 2 ½marks

 b. List four types of system programs. 4 marks

2a. Explain what is meant by an information system. 4 marks

 b. What is information systems literacy? How does it differ from computer literacy?

 6 marks

 **c.** Explain the difference between data and information. 4 marks

3a. Distinguish between word processing program and desktop publishing program. 3 marks

 b. List four of the basic functions of a mouse, 4 marks

 c. State three benefits of IT applications to users and enterprise. 3 marks

 d. State four advantages of using networks. 4 marks

4a. Explain the following terms: (i) Internet (ii) World Wide Web 4 marks

 b. What is the difference between an intranet and an extranet? 4 marks

 c. Define web browser. 2 marks

d. What do you understand by the terms downloading and uploading? 4 marks

5. Explain the following Web utilities:

 i) Telnet ii) FTP iii) Plug-ins iv) Filters

 3 ½ marks each

6a. List three approaches to developing an application. 4 marks

 b. Explain what is meant by:

 i) System flowchart ii) Dataflow diagram iii) CASE

 iv) UML 2 ½ marks each

7a. What is:

1. Decision Support System (DSS)
2. Strategic Information System? 6 marks

 b. State four characteristics of a decision support system. 8 marks