



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 ½ marks |
| ii) Software | 2 ½ marks |
| iii) System software | 2 ½ marks |
| iv) Computer programming language | 2 ½ marks |
- 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:
- | | |
|-----------------------------------|---------|
| i) Decision Support System (DSS) | |
| ii) Strategic Information System? | 6 marks |

b. State four characteristics of a decision support system.

8 marks