



NATIONAL OPEN UNIVERSITY OF NIGERIA

**University Village, Plot 91, Cadastral Zone, Nnamdi Azikiwe Express
Way, Jabi, Abuja**

FACULTY OF SCIENCES

DEPARTMENT OF COMPUTER SCIENCE

JULY 2017 EXAMINATION

COURSE CODE: CIT701

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

TIME ALLOWED: 3 Hours

COURSE

UNIT: 3

INSTRUCTION: Answer Question 1 and Any other 4 Questions

1a. Define the following terms:

- | | |
|-----------------------------------|---------|
| i) Computer | 2 marks |
| ii) Software | 2 marks |
| iii) System software | 2 marks |
| iv) Computer programming language | |
| 2 marks | |

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

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

d. Define web browser. 2 marks

e. What do you understand by the terms downloading and uploading? 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?

4 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 three of the basic functions of a mouse,
3 marks
- c. State three benefits of IT applications to users and enterprise.
3 marks
- d. State three advantages of using networks.
3 marks

4. Explain the following Web utilities:

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

3 marks each

5a. 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 marks each

6a. What is:

- i) Decision Support System (DSS)
- ii) Strategic Information System?

6 marks

b. State three characteristics of a decision support system.

6 marks