



NATIONAL OPEN UNIVERSITY OF NIGERIA

14/16, Ahmadu Bello Way, Victoria Island

SCHOOL OF SCIENCE AND TECHNOLOGY

October, 2013 Examination

Course Code: CIT 831

Time: 3hrs

Course Title: Software Engineering and Methodologies

Course Credit Unit: 3

Instruction: Answer any five (5) questions. Each question carries 14 marks

1a. Define Software Engineering Methodology
(5 Marks)

1b. Attributes of a good software. (5 Marks)

1c. List the software processes (4 Marks)

2a. What is software process? (5 Marks)

2b. What is software model? (5 Marks)

2c. List the structured process of software development (4 Marks)

3a. List the waterfall model phases (5 Marks)

3b. What is software specification? (5 Marks)

3c. Three (3) examples of functional requirements? (4 Marks)

4a. Explain what a requirement means? (5 Marks)

4b. List and explain the different types of requirements (5 Marks)

4c. What are the guidelines for writing requirements? (4 Marks)

5a. What is a software requirement document (6 Marks)

5b. There are a number of questions that should be asked in order to arrive at a decision

that span the all the design process. List eight (8) of these questions? (8 Marks)

6a. Define feasibility Studies and list what feasibility studies checks (5 Marks)

7a. List and explain three (3) types of viewpoints (6 Marks)

7b. Define Architectural design (5 Marks)

7c. What is a Sub-System? (2 Marks)