



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI-ABUJA
FACULTY OF SCIENCE
DEPARTMENT OF COMPUTER SCIENCE
2024 1 EXAMINATION

COURSE CODE: CIT 831
COURSE TITLE: SOFTWARE ENGINEERING METHODOLOGY
CREDIT UNIT: 3
TIME ALLOWED : 3HRS
INSTRUCTION: ANSWER QUESTION ONE AND ANY THREE OTHERS

1. With the aid of the diagram explain Rapid application development (RAD) model of Software Development Lifecycle
 - 2a. List five (5) Issues of Software Prototyping Model and explain any two
 - 2b. Explain two (2) issues in 2a above
 - 3a. List and discuss the two categories of software requirements
 - 3b. Discuss the two (2) categories in 3a above
4. . List and explain the requirements validation techniques you know.
 - 5a. Define Architectural Design
 - 5b. What is Software Architecture?
 - 5c. What is a Sub-System?
 - 6a. Explain Software Development with Re-use
 - 6b. List three (3) Requirements for Re-use