COURSE CODE: INR 451
COURSE TITLE: Introduction to Research Method in INR
CREDIT UNIT: 3
TIME ALLOWED: 3 HOURS

Instructions: Answer 3 questions in all.

1.Identify three types of research you know and discuss any two.

2.Examine the motivations for research you know? (23 Marks)

3a. Identify factors aiding the selection of a research topic (12 Marks)

3b. Examine the sources of selecting a research topic (11 Marks)

4a. What is a hypothesis? (9 Marks)

4b. What are characteristics of hypothesis? (14 Marks)

5. Examine Three methods of data collection and discuss any two? (23 Marks)

4b. Outline four (4) benefits of software requirements specification **4 marks.**

4c. Explain three (3) areas where to locate errors in a Project Specification **6 marks.**

Question Five

5a. Outlines five (5) difference between cohesion and coupling **5 marks.**

5b. State seven (6) types of cohesion in software engineering **3 marks**

5c. Identify four (4) advantages of coupling **4 marks.**

Question Six

6a. Define software product **2 marks.**

6b. State and explain the two categories of software product with given examples. **6 marks**

6c. Outlines four (4) essential characteristics of Well-Engineered Software Product **4 marks.**