



**NATIONAL OPEN UNIVERSITY OF NIGERIA  
91, CADASTRAL ZONE, UNIVERSITY VILLAGE, JABI, ABUJA  
FACULTY OF MANAGEMENT SCIENCES  
2025\_1 EXAMINATION**

**COURSE CODE: FMS731**

**CREDIT UNIT: 2**

**COURSE TITTLE: RESEARCH METHODOLOGY**

**TIME ALLOWED: 2HOURS**

**Instruction:** 1. Attempt question number one (1) and any other two (2)  
2. Question number one (1) is compulsory and attracts 30marks,  
while any other two questions attract 20 marks each  
3. Present your answers any points in a clearly and orderly manner

1a. Survey research tools are popular in management sciences but have several limitations. Identify and explain five of these limitations. **(10marks)**

1b. The issue of appropriate research design has remained a reoccurring decimal when discussions of project writing are consummated between the supervisor and the supervisee. What then is research design? **(10marks)**

**1c.** Distinguish between dependent and independent variables in a research study. **(10marks)**

2a. Discuss five (5) incontrovertible characteristics of scientific method of research **(10marks)**

2b. Briefly outline five main guidelines for using APA style referencing in management sciences research. **(10marks)**

3a. State five (5) each of the merits and demerits of using questionnaires in management science research **(10marks)**

3b. Enumerate ten (10) major descriptive tools for analyzing data **(10marks)**

**4a.** Identify four major functions of a theory in a research project. **(8marks)**

**4b.** Identify and discuss the four fundamental types of measurements used in research. **(12marks).**