



TECHNICAL UNIVERSITY OF MOMBASA  
*SCHOOL OF BUSINESS & SOCIAL STUDIES*  
DEPARTMENT OF MANAGEMENT SCIENCES

DIPLOMA IN BUSINESS MANAGEMENT  
DIPLOMA IN TRANSPORT & LOGISTICS MANAGEMENT  
DIPLOMA IN HUMAN RESOURCE MANAGEMENT  
DIPLOMA IN PROCUREMENT AND MATERIALS MANAGEMENT  
DIPLOMA IN BUSINESS ADMINISTRATION

**BAC 2204: RESEARCH METHODS**

END OF SEMESTER EXAMINATIONS  
**SERIES: MAY 2016**  
**TIME: 2HRS**

**INSTRUCTIONS:**

- This paper consists of **A** and **B**.
- Section A is Compulsory. Answer any **TWO** questions in Section **B**.
- Mobile phones are not allowed into the examination room
- Cheating leads to disqualification.
- This paper consists of three printed pages.



### **QUESTION ONE**

- a) Explain the following concepts:
  - i. Research methods (3mks)
  - ii. Research problem (3mks)
  - iii. Hypothesis (4mks)
- b) Explain the purposes of research (10mks)
- c) Explain the difference between “a case study and basic research design” (5mks)
- d) Differentiate between descriptive study and observational research (5mks)

### **QUESTION TWO**

- a) Highlight the qualities of a good research topic (10mks)
- b) Explain the following concepts:
  - i. Independent variable (3mks)
  - ii. Dependent variable (3mks)
  - iii. Variable (4mks)

### **QUESTION THREE**

- a) Explain the following terms:
  - i. Biased sampling (3mks)
  - ii. Purposive sampling (3mks)
  - iii. Probability sampling (4mks)
- b) Explain the sources of literature review (10mks)

### **QUESTION FOUR**

- i. Explain the criteria of a good research (10mks)
- ii. Explain four methods of data collection (10mks)

### **QUESTION FIVE**

- i. Explain the process of a research (10mks)
- ii. Explain the different types of measurement scales (10mks)