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**CICT PART III SECTION 6**

**RESEARCH METHODS**

**FRIDAY: 21 May 2021.**

**Time Allowed: 3 hours.**

**Answer ALL questions. Marks allocated to each question are shown at the end of the question.**

**QUESTION ONE**

- (a) Outline six challenges experienced in the application of scientific methods to business research. (6 marks)
  - (b) Discuss five techniques that a researcher might apply to generate a research topic in a given field. (10 marks)
  - (c) Summarise four advantages of an unstructured interviews during the collection. (4 marks)
- (Total: 20 marks)**

**QUESTION TWO**

- (a) Explain the four levels of numerical data measurement. (4 marks)
  - (b) Processing of data in research requires editing, coding, classification and tabulation.  
Discuss the above four steps, citing their significance in research. (8 marks)
  - (c) Evaluate eight uses of computers in research. (8 marks)
- (Total: 20 marks)**

**QUESTION THREE**

- (a) Analyse the procedure of hypothesis testing. (6 marks)
- (b) Explain how a researcher could evaluate literature review for relevance and value addition. (6 marks)
- (c) Your friend, having undertaken a research in a topic you are familiar with, has requested you to review his research report prior to presentation.

**Required:**

- Outline eight criteria you would use to evaluate the appropriateness of your friend's research report. (8 marks)
- (Total: 20 marks)**

**QUESTION FOUR**

- (a) Describe how a multi-stage sample of households could be obtained using divisions, locations, sub-locations and villages. (5 marks)
  - (b) Explain the following ethical issues as they relate to research:
    - (i) Principle of informed consent. (2 marks)
    - (ii) Principle of anonymity. (2 marks)
    - (iii) Principle of voluntary participation. (2 marks)
  - (c) Summarise four considerations in the preparation of an appropriate research design. (4 marks)
  - (d) Analyse five circumstances when the non-probability sampling is appropriate for use by researchers. (5 marks)
- (Total: 20 marks)**

**QUESTION FIVE**

(a) You are required to conduct a research entitled “An analysis of the role of the Capital Markets Authority on corporate governance, a case study of companies listed at the Nairobi Securities Exchange”.

**Required:**

(i) A brief statement of the problem. (4 marks)

(ii) Three specific objectives of the study. (3 marks)

(b) In relation to research report writing, explain the purpose of the following:

(i) Table of contents. (2 marks)

(ii) Technical appendices. (2 marks)

(iii) Visual aids. (2 marks)

(c) Discuss seven advantages of secondary data to a researcher. (7 marks)

**(Total: 20 marks)**

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