

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DIPLOMA IN ECDE**

**ECDE 0147: RESEARCH, MONITORING AND EVALUATION IN ECDE**

**STREAMS:DIP (ECDE)**

**TIME: 2 HOURS**

**DAY/DATE: FRIDAY 24/09/2021**

**2.30 P.M – 4.30 P.M**

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**INSTRUCTIONS**

**Answer question one and any other two**

**Do not write anything on this paper**

1. (a) Define the following terms;
  - (i) Data
  - (ii) Sample
  - (iii) Research [6 marks]
- (b) What is the importance of research in early childhood. [4 marks]
- (c) Identify five main data collection methods in monitoring and evaluation. [5 marks]
- (d) Describe two ways of presenting research data. [4 marks]
- (e) List the criteria used to identify research topics and studies in ECDE. [6 marks]
- (f) Explain five ways in which one should ensure confidentiality when undertaking research. [5 marks]
2. (a) Briefly explain five different types of research in education. [10 marks]

(b) Highlight the benefits of using observation methods when collecting data in ECDE. [10 marks]

marks]

(c) Give reasons why a researcher should use secondary information in data collection. [5 marks]

3. (a) Describe sections that should be included in chapter one of an ECDE research project. [10 marks]

(b) Define a research problem. [2 marks]

(c) Carol is a teacher at Chuka ECDE centre. Explain to her ways through which she would identify a research problem. [8 marks]

4. (a) What is the meaning of data analysis. [5 marks]

(b) The table below shows attendance of male and female participants in children sensitization program.

Day	1	2	3	4	5	6	7	8	9	10
Male	22	28	30	22	55	30	33	22	40	37
Female	36	38	39	42	45	50	50	55	55	58

(i) Calculate the mean of male attendance during the program. [3 marks]

(ii) What is the mode of male participants in the program. [2 marks]

(iii) What is the percentage attendance of males on day 6. [2 marks]

(iv) Calculate the mean of female attendance in the program. [2 marks]

(v) Calculate the median of female participants in the study. [4 marks]

(vi) Explain possible reasons for participation observed from the data. [5 marks]