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University Examinations 2023/2024

THIRD YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF COMMUNITY HEALTH DEVELOPMENT

CCM 3313: RESEARCH METHODOLOGY

DATE: APRIL 2024   **TIME: 3 HOURS**

INSTRUCTIONS:
Answer *All* questions
Ensure that all your answers are properly numbered
Part A: Short Answer Questions – Answer questions following each other on the answer booklet
Part B: Long Answer Questions – Answer each question on the answer
Part C: Multiple Choice Questions (MCQ): Write the correct answer on the space provided in the answer booklet. Each MCQ is one mark

SECTION A: (SHORT ANSWER QUESTIONS) (40 Marks)

l. What is the meaning of scientific research?   (4 marks)

2. What are the three purposes for doing exploratory research   (6 marks)

3. List four types of research   (8 marks)

4. Define the following terms   (10 marks)

i. Null hypothesis

ii. Continuous variable

iii. Research problem

iv. Independent variable:

v. Sample:

5. State four ethical issues considered important when conducting research   (8 marks)

6. List four attitude measurement scales   (4 marks)

SECTION B: (LONG ANSWER QUESTIONS) (40 MARKS)

a) Explain five purposes of having hypothesis in research   (l0 marks)

b) Describe five sources of biases/ errors that are a threat to the validity and reliability of a research   (10 marks)

c) Outline four advantages of doing sampling in conducting population studies.   (8marks)

d) Describe four characteristics that an interviewer should possess if he/she has to conduct face to face interview   (8 marks)

e) Describe the characteristic of sound measuring tool in the context of the following
       (4 marks)

   i.   Validity
   ii.   ii reliability

SECTION C: MULTIPLE CHOICE QUESTIONS; Give the most correct answer

1. Which one of the following is not the purposes of doing exploration research

   a) To develop methods of doing more careful study

   b)   To solve immediate problem

   c)   To satisfy researchers curiosity

   d)   Check the feasibility of conducting more research

2. The following are Important terms used in research except

   a)   Independent variable

   b)   Hypothesis

   c)   Sample

   d)   Enumerators

3. One of the following is not included in Longitudinal studies

a) Cross-sectional studies

b) Cohort studies

c) Panel studies

d) Tread studies

4. The following statements form the criteria for good research

a) Researchable and verifiable

b) Should have theoretical or practical significance

c) Should be clear

d) Selective

5. Continuous variable can be used in measuring the following except

a) Bouts of diarrhea

b) Weight of infants

c) Haemoglobin levels of mothers

d) Mid upper arm circumference of children

6. One of the following is none probability sampling technique

a) Simple random sampling

b) Systematic sampling

c) Quota sampling

d) cluster sampling

7. Which one of the following is not a part of Sampling procedure step in research

a) Defining the population

b) Defining the sampling frame

c) Determining the sampling procedure

d) Determining the results

e) Semantic differential scale

8. The following are among specific purposes of literature review except

a) Testing reliability

b) Sourcing current opinion

c) Defining research problem

d) Improving ones research design

9. One of the following extraneous factors can't affect the validity and reliability of a study

a) Maturation

b) Prediction

c) Instruments

d) Attrition

10. Which of the following is not a Random sampling method

a) Stratified sampling

b) Purposive sampling

c) Cluster sampling

d) Systematic sampling

12. One of the following may not be included in the introduction (chapter one) part of research proposal

a) Objectives

b) Study questions

c) Study population

d) Statement of the problem

13. The following Steps are used in data analysis except

a) Data cleaning

b) Data organization

c) Statistical analysis

d) Information dissemination

14. Which of following is not a measure measures of association in correlation research

a) Spearman's ranking order correlation

b) Likert scale

c) Pearson's product moment of coefficient

 d) Chi-square

15. As a researcher, one of the following can get you research problem

    a) sampling technique

    b) Consultation with scholars

    c) Study area

    d) Study design

16. One of the following is not a key guideline that can help in proper review of literature

    a) Identifying proper instruments

    b) Identifying words and concepts related to research problem

    c) Evaluating the articles, you have read

    d) Reading and noting selected references.

17. The following characterize study designs except

    a) Data collection tool

    b) Sampling frame

    d) Defining study population

    d) Making conclusion

1 8. Which of the following is not a good reason for conducting good research

    a) Recognition as a scholar

    b) Gather Evidence

    c) To solve problem

    d) Decision support

19. One of the following is not an ethical issue for consideration in research in

    a) Confidentiality

    b) Anonymity

    c) Pre-testing the instrument

    d) Obtaining consent

20. Distortions found in a questionnaire as data colleting tool arise from the following except

  a) Omissions

  b)   Ambiguous questions

  c)   Poor space for providing answers

  d)   Explicit questions