

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
DEPARTMENT OF ARCHITECTURE,
SCHOOL OF ENVIRONMENTAL TECHNOLOGY
FIRST SEMESTER EXAMINATIONS 2019/2020 SESSION
RESEARCH METHODS – EVT 411

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Instructions

Answer all questions in section A and three (3) in section B. Each question in section A carries **1.5 marks**. Each question in section B is allocated **15 marks**.

Section A: 15 Marks. Answer all questions in this section.

- 1) Enumerate any four features of a good research proposal
- 2) Briefly explain the scope of literature review
- 3) Identify any four stages of conducting literature review.
- 4) Define research in any two different ways.
- 5) State any four (4) different ways of classifying research.
- 6) Write short notes on any two (2) different ways of classifying research.
- 7) Enumerate any four (4) research instruments relevant to social and environmental sciences.
- 8) Briefly distinguish between the categories of questionnaires.
- 9) List any four points to justify the need for literature review
- 10) What do you understand by sources of data (research instruments)?

SECTION B 45 MARKS: Answer only three (3) questions in this section. Each question carries 15 marks.

- 11a) Explain clearly the different four (4) different ways of rendering borrowed ideas from literature.
- b) Explain any four criteria of selecting a research topic.
- 12) a) Enumerate any four (4) dimensions to the statement of the problem in a research effort.
- b) Enumerate any four (4) steps required in locating a specific research problem.
- c) Itemize any four (4) ways of stating a research problem.
- d) Clearly explain how select a research problem.
- 13) Write short notes on any two (2) of the following:
 - a) Literature review as a network of information concerning the research problem
 - b) Literature review as a theoretical framework
 - c) Literature review in terms of concepts theories and models
- 14a) Briefly explain how to attain sufficient level of literature review.
- b) i. Distinguish between research questions and research objectives.
- ii. What are research hypotheses?
- iii. What is a research construct?
- iv. Distinguish between cross-sectional and longitudinal survey.
- 15a) Distinguish between primary and secondary sources of data.
- b) Distinguish between basic and applied research.