

Mid-West University
Examinations Management Office
End Semester Examinations 2081

Bachelor level/ B.Sc. / 6th Semester

Time: 3 hours

Subject: Research Methodology (RES467)

Full Marks: 60

Pass Marks: 30

Candidates are required to give their answer in their own words as far as Practicable. The figures in the margin indicate full marks.

Section – A

Attempt all long questions.

[4x6 = 24]

1. Define research problem? Illustrate a stepwise flow chart of identifying research problems in general.
2. Introduce various data collection methods in scientific research. Elaborate the interview method of data collection.
3. What are the function of proposal? Write briefly about the components of scientific proposal.
4. Give differences between population and sample. Discuss various types of sampling techniques.

OR

Define research design. Mention various dimension of research designs used in scientific research with relevant examples?

Section- B

Attempt all Short questions.

[6x4 = 24]

5. How critical thinking and philosophy benefits scientific inquiry? Give your opinion.
6. Introduce the term literature review. Write briefly about various sources of scientific literatures.
7. Write short notes on : a. qualitative researches & b. inductive researches
8. Prepare the list of various types of research. Write briefly about case study research with an example.
9. What do you mean by FGD? When this method is useful for data collection, give example ?
10. Define questionnaire survey. How the researchers increase the response rate of respondent during the survey?

OR

Define Data. Write about data analysis process.

Section-C

Attempt Any Six very short questions.

[6x2 = 12]

11. How specific objective differ with broad objective, give an example?
12. What are action research? When they are useful?
13. What are common errors in measurement?
14. Differentiate between nominal and ordinal scale with example.
15. What are scientific misconducts?
16. Introduce: Research4life, and DOI numbers
17. How seminar benefits students?
18. Mention how hypothesis setting is important in scientific research.

The End