Mid-West University

Examinations Management Office

End Semester Examination 2081

Bachelor level/ B. Sc. /5th Semester

Time: 3 hours

Subject: Fundamentals of Research (RES457)

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.

Group - A

Attempt *all* the questions. [4x6 = 24]

1. What is research problem? How can you identify a good research problem? Also write down criteria of a good research problems. [2+2+2]
2. Discuss on different source hypothesis. Also explain qualities of workable hypothesis. [3+3]
3. Write down different method of data collection. Explain the questionnaire method of data collection with its merits and demerits. [2+4]
4. What do you understand by reliability and validity of data? Discuss on some basic statistics for data analysis. [2+4]

OR

Explain sampling, field observation and survey methods for data collection. [2+2+2]

Group - B

Attempt *all* questions. [4x6 = 24]

5. Give the importance of design of research work. Discuss on similarities and differences between research design and research methods. [2+2]
6. Discuss different essential components for preparing research proposal. [2+2]
7. What is research report? Write down general format and requirements of research report. [2+2]
8. What is research paper or poster? Discuss on commonly accepted form of arranging contents of research paper. [2+2]
9. Discuss the importance of literature review in research. [4]
10. How can you collect the data from lab experiments? [4]

OR

Discuss on research ethics.

Group - C

Attempt *any six* questions. [6x2 = 12]

11. What do you mean by research?
12. Differentiate between board and specific research objectives.
13. What is research hypothesis?
14. List out the different source of errors in measurement.
15. Write down the importance of data in research.
16. Why proposals are necessary for the research work?
17. What do you mean by work citation or referencing?
18. What do you mean by schedule question?

The End