

POKHARA UNIVERSITY

Level: Bachelor
Programme: BE
Course: Research Fundamentals

Semester: Fall

Year : 2024
Full Marks : 100
Pass Marks : 45
Time : 3 hrs.

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Attempt all the questions.

1. a) What do you mean by research? Explain its significance in the field of Computer Science and Engineering. 7
b) What are the 6 P's of the Research? Explain. 8
2. a) Briefly describe the different steps involved in a research process. 7
b) What are the objectives of conducting a literature review in research? Describe the process of conducting a systematic literature review. 8
3. a) Define plagiarism in the context of academic research and discuss its consequences. 7
b) What is the importance of data visualization in quantitative research? Explain any four data visualization techniques. 8

OR

Discuss any two strategies of data generation in detail.

4. a) Explain the responsibilities of an ethical researcher during research conduction. 8
b) Who are the Research Participants? Why understanding of legal aspect of research is important? Explain in detail. 7
5. a) How does a well-written proposal contribute to the success of a research project? Explain in detail. 7
b) Why is Research Proposal needed? Elaborate the things that are mentioned in the Methodology section of Research Proposal. 8
6. a) What information should be include while writing an Abstract of a research paper? 7

OR

Define a research report and explain why it is an essential part of the research process.

- b) Illustrate the way of writing citations and references in IEEE style with examples. 8

7. Write short notes on: (**Any two**)

2×5

- a) Action Research
- b) Ethnography
- c) Descriptive Research