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RCD-001

**Ph. D. IN CHILD DEVELOPMENT
(PHDCD)**

Term-End Examination

June, 2026

RCD-001 : RESEARCH METHODOLOGY

Time : 3 Hours

Maximum Marks : 100

Note : (i) *Question No. 1 is compulsory.*

(ii) *Answer any other **three** questions.*

(iii) *In all answer four questions.*

1. Prepare a research proposal on a topic of your choice and state the following :

- | | |
|---------------------------------|---|
| (i) Title of the research study | 3 |
| (ii) Research questions | 4 |
| (iii) Research objectives | 4 |
| (iv) Rationale for the study | 3 |

(v) Methodology, which should include the

- research design
- location of the study
- sample categories and number
- sampling technique
- tools for data collection
- duration of data collection

3+2+4+4+4+1

(vi) Analysis plan including tests, if any. 8

2. (a) Discuss *five* features of qualitative research. 15

(b) Explain probability sampling. 5

3. (a) Explain what is meant by validity. Elaborate upon any *two* ways of establishing validity in quantitative research. 5+10

(b) Explain what is meant by narrative research. 5

4. (a) Explain t-test and f-test and their usage, giving examples. 10

- (b) State any *five* aspects you will keep in mind when preparing a questionnaire for quantitative research. 10
5. Explain any *two* of the following : 20
- (i) Content analysis
 - (ii) Levels of significance in hypothesis testing
 - (iii) Data triangulation
 - (iv) Grounded theory

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