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RCD-001

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

**Term-End Examination
December, 2025**

RCD-001 : RESEARCH METHODOLOGY

Time : 3 Hours

Maximum Marks : 100

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

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

(iii) *In all answer 4 questions. All question may have subparts.*

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 study, sample categories and member, sampling, technique, tools for data collection, duration of data collection.

$$3+2+4+4+4+1=18$$

- (vi) Analysis plan including tests, if any. 8
2. (a) Discuss *five* features of quantitative research. 15
- (b) Explain non-probability sampling. 5
3. (a) Explain what is meant by reliability. Elaborate upon any *two* ways of ensuring reliability in qualitative research. 5+10
- (b) Briefly describe the various types of hypothesis giving examples. 5
4. (a) Giving an example, explain the purpose of the Chi-square test and the conditions under which it is used. 10

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(b) Explain any *four* descriptive statistics giving examples. 10

5. Explain any *two* of the following : 20

(i) Ethnography research

(ii) Types of interview schedules

(iii) Types of observation

(iv) Types of errors in hypothesis testing.

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