

Seat No: _____

Enrolment No: _____

**PARUL UNIVERSITY
FACULTY OF COMMERCE**

M.Com (Hons) Winter 2017 – 18 Examination

Semester: 3

Date: 11/12/2017

Subject Code: 16201204

Time: 10.30 am to 01.00 pm

Subject Name: Research Methodology

Total Marks: 60

Instructions:

1. Attempt all questions as directed.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

Q.1 (A) Choose the correct options from given below

(6) (12)

1. Research and Development become the index of development of country. Which of the following reasons are true with regards to this statement?

- a) Because R&D reflect the true economic and social conditions prevailing in a country
- b) Because R&D targets the human development
- c) Because R&D can improve the standard of living of the people in a country
- d) All the above

2. The data of research is _____

- a) Qualitative only
- b) Quantitative only
- c) Both (a) and (b)
- d) Neither (a) nor (b)

3. The main purpose of research in education is to _____

- a) Help in the personal growth of an individual
- b) Help the candidate become an eminent educationist
- c) Increase job prospects of an individual
- d) Increase social status of an individual

4. Primary data for the research process be collected through _____.

- a) Experiment
- b) Survey
- c) Both (a) and (b)
- d) None of the above

5. The longitudinal approach of research deals with _____.

- a) Horizontal researches
- b) Long-term researches
- c) Short-term researches
- d) None of the above

6. Survey research studies _____

- a) Circumstances
- b) Events
- c) Populations
- d) Processes

(B) Define the following terms.**(6)**

- 1. Measurement.
- 2. Research problem
- 3. Research design
- 4. Causal research
- 5. Scaling
- 6. Hypothesis Testing

Q.2 Answer the following. (4 mark each. All Compulsory)**(4+4+4) (12)**

- A. What are the various potential errors that may occur in a research design process?
- B. Write a short note on - Levels of Measurement.
- C. Find the mean of the following data:

Class	0-10	10-20	20-30	30-40	40-50
<i>f i</i>	5	8	15	16	6

Q.3 Answer the following. (6 mark each. Any Three out of Four)**(6+6+6) (18)**

- A. What are the steps involved in a research process?
- B. Write down the classification of a good research design.
- C. How can a researcher determine the size of a sample?
- D. Explain in detail classification of sampling techniques - probability and non-probability sampling.

Q.4 Answer the following. (9 mark each. Any Two out of Three)**(9+9) (18)**

- A. Write a detailed note on survey method of descriptive data collection.
- B. What are the different types of questions in a questionnaire?
- C. Find the mean, median and mode of the following data:

Class	10-19	20-29	30-39	40-49	50-59
<i>f i</i>	2	9	15	14	10
