PARUL UNIVERSITY
FACULTY OF COMMERCE
M.Com. (Hons) Winter 2019 – 20 Examination

Semester: 3   Date: 27/11/2019
Subject Code: 16201204   Time: 10.30 am To 1.00 pm.
Subject Name: Research Methodology   Total Marks: 60

Instructions:
1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Do as directed.
A) Multiple choice type questions.   (Each of one mark)   (06)
   1. Find the mean of the following data

x_i	10	20	30	40	50	60
f_i	1	2	3	4	5	6

   a) 58.26   b) 48.23
   c) 41.67   d) 62.57
   2. Number which occurs most frequently in a set of numbers is_____.
      a) Mean   b) Median
      c) Mode   d) None of above
   3. The data of research is _____
      a) Qualitative only   b) Quantitative only
      c) Both (a) and (b)   d) Neither (a) nor (b)
   4. Survey research studies _____
      a) Circumstances   b) Events
      c) Populations   d) Processes
   5. Why is it important to read original articles when you are reviewing the literature?
      a) To obtain an overview of methods and   b) To look for flaws in the method
      procedures
      c) To examine the validity of the conclusions   d) All the above
   6. The essential qualities of a researcher are _____
      a) Spirit of free enquiry   b) Reliance on observation and evidence
      c) Systematization or theorizing of knowledge   d) All the above

B) Define the following terms.   (Each of one mark)   (06)
      1. Causal research
      2. Primary Data
      3. Secondary Data
      4. Research design
      5. Hypothesis
      6. Likert scale

Q.2 Short Note Questions. (Each of 04 mark)   (12)
      1. State the difference between qualitative and quantitative research.
      2. Classification of research design.
      3. Various levels of Measurement.

Q.3 Answer the following.   (Any Three)   (18)
      1. Explain in detail, the observation techniques from the one of methods of descriptive data collection.
      2. Describe the survey techniques of descriptive data collection
      3. What are the various steps involved in Sampling process?
      4. Write a detailed note on - Potential errors in research design.

Q.4 Answer the following.   (Any two)   **(18)**

   1. Explain the classification of scaling techniques in detail.

   2. Find the median of following data.

Class	5-10	10-15	15-20	20-25	25-30	30-35
Frequency	11	20	35	20	8	6

   3. Find standard deviation for the following data.

Class	0-30	30-60	60-90	90-120	120-150	150-180	180-210
Frequency	9	17	43	82	81	44	24