INSTRUCTIONS TO THE CANDIDATES

- All the questions are compulsory and MUST be answered.
- Use only PEN for writing answers. Writing in Pencil is not allowed except for diagrams.
- Double answers will not carry any marks.
I. TRUE or FALSE QUESTIONS (Darken the box for the correct answer)  
(Suggested time 10 minutes)  
(8 X .5 = 4 Marks)

1. A study on the performance of students in 2012 is a prospective study
   - True  - False

2. Replicability of research means that it can be replaced
   - True  - False

3. Generalizability in research means that it is a general research
   - True  - False

4. A Hypothesis is the outcome of the research
   - True  - False

5. Focus Group Interviews are used for studying the relationship between variables
   - True  - False

6. Literature review helps you find what has already been done in your area of research
   - True  - False

7. Operational definitions explains what the variable means in your study
   - True  - False

8. Mean is the average of a given set of values
   - True  - False
II. MULTIPLE CHOICE QUESTIONS (PleaseTick [✓] for the correct Answers)
(Suggested time 5 minutes)

(4 X 1 = 4 Marks)

1. In APA Style of citation, APA means:
   a) American Printing Association
   b) American Publishing Association
   c) American Psychological Association
   d) American Publishing Authority

2. Ahmed wants to include 45% of respondents out of a population of 2000. What is the sample size:
   a) 45
   b) 90
   c) 450
   d) 900

3. Munir wants to study the effect of watching TV on student’s language in NCT. What variable will he study:
   a) Television
   b) Students behaviour
   c) Students language
   d) NCT

4. The data collected for a study of student satisfaction with teaching and learning in NCT will be:
   a) Primary data
   b) Secondary data
   c) Exploratory data
   d) Descriptive data
III. SHORT ANSWER TYPE QUESTIONS
(Suggested time 10 minutes)

(2 + 2 = 4 Marks)

1. You have the list of 200 students, from which you have to draw a sample of 40 students. Using the Systematic Sampling technique, please calculate the factor and mark the samples on the following list.

Calculation: (1)

Encircle the numbers: (1)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|1  |11 |21 |31 |41 |51 |61 |71 |81 |91 |101|111|121|131|141|151|161|171|181|191|
|2  |12 |22 |32 |42 |52 |62 |72 |82 |92 |102|112|122|132|142|152|162|172|182|192|
|3  |13 |23 |33 |43 |53 |63 |73 |83 |93 |103|113|123|133|143|153|163|173|183|193|
|4  |14 |24 |34 |44 |54 |64 |74 |84 |94 |104|114|124|134|144|154|164|174|184|194|
|5  |15 |25 |35 |45 |55 |65 |75 |85 |95 |105|115|125|135|145|155|165|175|185|195|
|6  |16 |26 |36 |46 |56 |66 |76 |86 |96 |106|116|126|136|146|156|166|176|186|196|
|7  |17 |27 |37 |47 |57 |67 |77 |87 |97 |107|117|127|137|147|157|167|177|187|197|
|8  |18 |28 |38 |48 |58 |68 |78 |88 |98 |108|118|128|138|148|158|168|178|188|198|
|9  |19 |29 |39 |49 |59 |69 |79 |89 |99 |109|119|129|139|149|159|169|179|189|199|
|10 |20 |30 |40 |50 |60 |70 |80 |90 |100|110|120|130|140|150|160|170|180|190|200|

2. Please write the reference using APA Style of citation for the following book:

   Book Title: Research Methodology: A step by step guide.
   Author: Ranjit Kumar
   Publisher: Sage Publications
   Place of publishing: New Delhi
   Date of publishing: 2014

(2 Marks)
IV. LONG ANSWER TYPE QUESTIONS
(Suggested time 15 minutes)

1. Some students have complained about the quality of food served in the NCT canteen. The College Administration has asked the Research Methodology students to find out the level of satisfaction of the students with the canteen. Please write the following:

Research Question(s): (1)

_______________________________________________________

_______________________________________________________

Research Design: (1)

_______________________________________________________

_______________________________________________________

Sample Population: (1)

_______________________________________________________

_______________________________________________________

Sample Frame: (1)

_______________________________________________________

_______________________________________________________
2. Please develop 4 closed ended questions and 4 open ended questions for the following research question

Research Question:
What is the level of satisfaction with the food served in NCT canteen?