MA PUBLIC ADMINISTRATION
THIRD SEMESTER
RESEARCH METHODOLOGY & STATISTICS IN
SOCIAL SCIENCES
MPA-301

Duration: 3 Hrs.   Marks: 70

PART : A (OBJECTIVE) = 20
PART : B (DESCRIPTIVE) = 50

[PART-B : Descriptive]

Duration: 2 Hrs. 40 Mins.   Marks: 50

[Answer question no. One (1) & any four (4) from the rest]

1. What is a Research? Write the difference between applied and fundamental research.   (5+5=10)

2. Briefly explain the approaches in Research. Give some significance of research.   (5+5=10)

3. What is a research process? What are the steps used in the research process? (2+8=10)

4. What is sampling? Discuss probability and non-probability sampling techniques.   (2+4+4=10)

5. Explain the Primary and Secondary sources of data collection.   (5+5=10)

6. What is an interview schedule? Explain the various types of interviews.   (2+8=10)

7. Selection test on two groups of boys and girls who have the following result on innovation.   (10)

STATISTICS	BOYS	GIRLS
M	57	76
S.D.	43.87	40.54
N	60	80

Find out the significance between boys and girls on innovation at 0.05 level and 0.01 level?

8. Find out the significance of the two companies Airtel and Vodafone by framing Null and alternative hypothesis and bringing out the significant difference at .05 and .01 levels citing the appropriate degree of freedom.   (10)

STATISTICS	Airtel	Vodafone
M	79	88
S.D.	37.33	39.65
N	24	23

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[PART-A : Objective]

Choose the correct answer from the following :   1×20=20

1. A systematic, objective and deliberate effort at answering meaningful questions pertaining to a field of enquiry or about phenomena is called:
   a. Problem solving
   b. Research
   c. Theorizing
   d. Invention

2. Which one of the following is a non probability sampling?
   a. Simple random
   b. Purposive
   c. Systematic
   d. Stratified

3. The research stream of immediate application is:
   a. Conceptual research
   b. Action research
   c. Fundamental research
   d. Empirical research

4. In a thesis, figures and tables are included in:
   a. the appendix.
   b. a separate chapter.
   c. the concluding chapter.
   d. the text itself.

5. In a NPC the mean, median and mode meet at:
   a. one point.
   b. different points.
   c. meet separately.
   d. never meet at any point all.

6. Which of the following is not a non probability sampling technique?
   a. Snow-ball sampling   b. Stratified random sampling
   c. Incidental sampling   d. Purposive sampling

7. Research conducted by classroom teacher to improve spelling among students in English language is categorized as:
   a. Pure Research
   b. Qualitative Research
   c. Quantitative Research
   d. Active Research

8. What in your opinion is central to all research?
   a. Instruments
   b. Procedures
   c. Questions
   d. Purpose

9. The End product of all research is:
   a. better procedure and more research.
   b. confirmation or rejection of hypothesis.
   c. a vivid understanding of the subject.
   d. a body of knowledge.

10. Challenging research questions are selected only by those who:
    a. possess intellectual capacity.
    b. receive the best guidance.
    c. have resources at their command.
    d. can think ahead of times.

11. In research what keeps the researcher's mind open?
    a. Feasibility
    b. Possibilities of new evidence
    c. Availability
    d. Reasonability

12. A well defined aggregate from which a researcher selects some representative units for study purpose is called........................
    a. Sample
    b. Universe
    c. Population
    d. Representative portion

13. A purposive sample is a non-probability sample because it is:
    a. Selected without using any selection process.
    b. Chosen by throw of a dice.
    c. Not selected at random but by using some other selection method.
    d. Selected just at the nick of time.

14. Errors arising in research from methodological constraints:
    a. Statistical errors
    b. Methodological errors
    c. Content errors
    d. Errors in Interpretation

15. Which type of research aims at explanation of the status and conditions exist at present?
    a. Applied research
    b. Analytical research
    c. Descriptive research
    d. Fundamental research

16. The purpose of research is to discover:
    a. Answers to the questions
    b. finding some errors
    c. Eliminating errors
    d. Solving errors

17. "Male and female students perform equally well in a numerical aptitude test". This statement indicates a:
    a. Directional hypothesis
    b. Statistical hypothesis
    c. Research hypothesis
    d. Null hypothesis

18. The conclusions/findings of which type of research cannot be generalized to other situation?
    a. Experimental Research
    b. Causal Comparative Research
    c. Historical Research
    d. Descriptive Research

19. In a positive correlation, the increase in x (one variable) is followed by ....
    a. decrease in y.
    b. increase in y.
    c. neither increase nor decrease.
    d. decrease/increase in y is by chance.

20. Getting Information from the news channel is:
    a. Primary sources of data collection.
    b. Secondary source of data collection.
    c. Documentary data collection.
    d. None of the above.

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Course : ....

Semester : .... Roll No : ....

Enrollment No : .... Course code : ....

Course Title : ....

Session : .... 2017-18 .... Date : ....

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Instructions / Guidelines

➢ The paper contains twenty (20) / ten (10) questions.

➢ Students shall tick (✓) the correct answer.

➢ No marks shall be given for overwrite / erasing.

➢ Students have to submit the Objective Part (Part–A) to the invigilator just after completion of the allotted time from the starting of examination.

Full Marks	Marks Obtained
20	

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Scrutinizer's Signature   *Examiner's Signature*   *Invigilator's Signature*