Write the following information in the first page of Answer Script before starting answer

ODD SEMESTER EXAMINATION: 2020-21

Exam ID Number_____

Course_____   Semester_____

Paper Code _____Paper Title _____

Type of Exam: _____ (Regular/Back/Improvement)

Important Instruction for students:

1. Student should write objective and descriptive answer on plain white paper.
2. Give page number in each page starting from 1st page.
3. After completion of examination, Scan all pages, convert into a single PDF, rename the file with Class Roll No. **(2019MBA15)** and upload to the Google classroom as attachment.
4. Exam timing from 10am – 1pm (for morning shift).
5. Question Paper will be uploaded before 10 mins from the schedule time.
6. Additional 20 mins time will be given for scanning and uploading the single PDF file.
7. Student will be marked as ABSENT if failed to upload the PDF answer script due to any reason.

MA RURAL DEVELOPMENT
THIRD SEMESTER
RESEARCH METHODS
MRD-301

Duration : 3 hrs.

Full Marks : 70

(<u>PART-A : Objective</u>)

Time : 20 min.

Marks : 20

Choose the correct answer from the following:

1X20=20

1. Which of the following is/are the features of a good research?
   - **a.** Systematic
   - **b.** Logical
   - **c.** Reliable
   - **d.** All of these

2. Which of the following process helps to understand the previous research on the subject matter?
   - **a.** Theoretical Framework
   - **b.** Literature Review
   - **c.** Hypothesis Formulation
   - **d.** Sampling

3. On the basis of mode of enquiry, research can be classified as:
   - **a.** Pure Vs Application Research
   - **b.** Qualitative Vs Quantitative
   - **c.** Cross sectional Vs. Longitudinal
   - **d.** None of these

4. In order to pursue the research, which of the following is priorly required?
   - **a.** Developing a research design
   - **b.** Formulating a research question
   - **c.** Deciding about the data analysis procedure
   - **d.** Formulating research hypothesis

5. What is the name of conceptual framework in which the research is carried out?
   - **a.** Research hypothesis
   - **b.** Synopsis of research
   - **c.** Research paradigm
   - **d.** Research design

6. While collecting data the researcher should have a control over:
   - **a.** Extraneous variable
   - **b.** Independent variable
   - **c.** Dependent variable
   - **d.** All of these

7. Data collection cannot be done through:
   - **a.** Interview
   - **b.** Secondary Data
   - **c.** Questionnaires
   - **d.** Reviewing literature

8. Which one among the following statements is false in the context of participatory research?
   - **a.** It recognizes knowledge as power
   - **b.** It is a collective process of enquiry
   - **c.** It emphasizes people as experts
   - **d.** Its sole purpose is the production of knowledge

9. What does the longitudinal research approach deals with?
   - **a.** Long term research
   - **b.** Short term research
   - **c.** Horizontal research
   - **d.** None of the above

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10. Which of the following does not correspond to characteristics of research?
   a. Research is not passive
   b. Research is systematic
   c. Research is not a problem oriented
   d. Research is not a process

11. Hypothesis refers to:
   a. The outcome of an experiment
   b. A conclusion drawn from an experiment
   c. A form of bias in which the subject tries to conclude
   d. A tentative statement about the relationship

12. The main aim of the scientific method in the research field is to:
   a. Improve data interpretation
   b. Confirm triangulation
   c. Introduce new variables
   d. Eliminate spurious relations

13. Authenticity of research finding is its:
   a. Validity
   b. Objectivity
   c. Originality
   d. All of the above

14. Which one is called non-probability sampling?
   a. Quota Sampling
   b. Cluster sampling
   c. Systematic sampling
   d. Stratified random sampling

15. Which one of the following is the most comprehensive source of population data?
   a. Census
   b. National Sample Surveys
   c. Demographic Health Surveys
   d. National Family Health Surveys

16. Which of the following variables cannot be expressed in quantitative terms?
   a. Numerical Aptitude
   b. Marital Status
   c. Socio economic status
   d. Professional Attitude

17. Circle graphs are used to show:
   a. How is one part related to other parts?
   b. How various sections share in the whole?
   c. How is one whole related to another whole?
   d. How are various parts related to the whole?

18. The variables whose calculation is done according to the weight, height and length and weight are known as:
   a. Flowchart Variables
   b. Discrete Variables
   c. Continuous Variables
   d. Measuring Variables

19. The scale which imparts a difference of magnitude and proportion is considered as:
   a. Exponential scale
   b. Goodness scale
   c. Ratio scale
   d. Satisfactory scale

20. Mean of data : 4, 10, 5, 9,12 is:
   a. 8
   b. 10
   c. 9
   d. 15

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(<u>**PART-B : Descriptive**</u>)

Time : 2 hrs. 40 min.   **Marks : 50**

[<u>Answer question no.1 & any four (4) from the rest</u>]

1. State the features of a good research.   10

2. Discuss the steps involved in the research process.   10

3. Describe the importance of literature review in the research process.   10

4. Define Sample. Illustrate the types of Sampling.   2+8=10

5. What is the importance of measurement and scaling in research?   10

6. Illustrate the principles of report writing.   10

7. Calculate the mean and median from the following data: 10

Marks	No of students
10-20	6
20-30	10
30-40	15
40-50	8

8. Ten competitors are ranked by 2 judges in the following order: 10
   1st judge: 6, 5, 3, 10, 2, 4, 9, 7, 8, 1
   2nd judge: 3, 8, 4, 9, 1, 6, 10, 7, 5, 2
   Calculate and interpret the Rank correlation.

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