

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 1<sup>st</sup> page.
3. After completion of examination, Scan all pages, convert into a single PDF, and 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 POLITICAL SCIENCE**  
**THIRD SEMESTER**  
**RESEARCH METHODOLOGY & STATISTICS IN SOCIAL SCIENCES**  
**MPS-303**

**Duration: 3 hrs.**

**Full Marks: 70**

( **PART-A: Objective** )

**Time: 20 min.**

**Marks: 20**

*Choose the correct answer from the following:*

**1×20=20**

1. One who believes that knowledge can be gained through sense only is a
  - a. Naturalist
  - b. Realist
  - c. Empiricist
  - d. Rationalist
2. Which of the following is correct process of deduction?
  - a. Hypothesis, theory, Data collection, findings, Hypothesis confirmed or rejected.
  - b. Data collection, findings, Hypothesis confirmed or rejected, hypothesis, theory.
  - c. Theory, observation, Data collection, hypothesis, findings.
  - d. Theory, Hypothesis, Data collection, findings, Hypothesis confirmed or rejected.
3. Which of the following approach begins with observation?
  - a. Deductive approach
  - b. Epistemology
  - c. Inductive approach
  - d. Positivism
4. Generalized conclusion on the basis of a sample is technically known as
  - a. Data analysis and interpretation
  - b. Parameter Inference
  - c. Statistical Inference
  - d. All of the above
5. Rejection of the null hypothesis is a conclusive proof that the alternative hypothesis is
  - a. True
  - b. False
  - c. Neither True nor False
  - d. None of the above
6. Which of the following is non-probability sampling?
  - a. Stratified sampling
  - b. Simple random sampling
  - c. Purposive sampling
  - d. Systematic random sampling
7. Probability sampling implies-
  - a. Simple random sampling
  - b. Systematic Random sampling
  - c. Stratified random sampling
  - d. All of the above
8. Sampling error decreases with the
  - a. Process of analysis
  - b. Increase of sample size
  - c. Decrease of sample size
  - d. Process of randomization
9. Which of the following is *NOT TRUE* regarding the interview schedule?
  - a. In interview schedule, the answers are filled up by the respondents.
  - b. In interview schedule, the answers are filled up by the interviewers.

- c. Interview schedule seeks demographic and substantive information.      d. Interview schedule may be structured and unstructured.
10. Which of the following is *NOT TRUE* regarding observation?  
 a. It captures human conduct.      b. It's not a tool of collection information.  
 c. It provides more graphic description of social life.      d. It explores important events and situations.
11. Which of the following mean is frequently used in research?  
 a. Quadratic mean      b. Harmonic mean  
 c. Geometric mean      d. Arithmetic mean
12. What is the full form of SPSS?  
 a. Statistical Package for the Social Sciences      b. Statistical Package for Software Sciences  
 c. Statistical Product for Social Sciences      d. Statistical Performance for Social Sciences
13. Which of the following is *NOT* a measure of central tendencies?  
 a. Mode      b. Kurtosis analysis  
 c. Median      d. Mean
14. Which of the following statistical method can be used to calculate the average deviation from the mean value of a given data set?  
 a. Mean deviation      b. Standard deviation  
 c. Skewness      d. Kurtosis
15. Find out the median from the following data set-  
 22, 27, 34, 31, 23, 19, 28, 44, 35, 39, 40, 43 and 46.  
 a. 28      b. 31  
 c. 34      d. 44
16. What does 'paraphrase' mean?  
 a. Formulating someone else's idea with partial modification.      b. Formulating someone else's idea with full modification.  
 c. Formulating someone else's idea with without modification.      d. Formulating someone else's idea in your own words.
17. You are guilty of plagiarism if you  
 a. Make use of the works of others to gather information.      b. Use the work of another and misrepresent it as your own.  
 c. Make use of the works of others to support your own arguments.      d. Examine the ideas and arguments of others to help you shape your own thoughts or views on a particular issue.
18. Drawing information or content from the work of another without acknowledging the source by citing a reference is considered to be plagiarism in all of the following cases except:

- a. Using the exact words of the author.
- b. Using data that the author has compiled through his/her independent investigation.
- c. Using information from the author's work that is regarded as common knowledge in the discipline.
- d. Reproducing in your paper a chart contained in the author's work.

19. Which of the following is *NOT* an essential component of a good Research Proposal?

- a. Statement of the problem
- b. Methodology
- c. Review of literature
- d. Acknowledgement

20. In a qualitative research proposal you would not expect to see a

- a. Research question
- b. Research aim
- c. Hypothesis
- d. Operational definition

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**( PART-B : Descriptive )**

Time: 3 hrs

Marks: 50

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

1. What is research? Discuss the various types of research. 2+8=10
2. Discuss the role of theory in social science research. 10
3. Define sampling. Discuss the various types of non-probability sampling. 2+8=10
4. What do you mean by questionnaire? Highlight the differences between questionnaire and interview schedule. What are the elements of a good questionnaire? 2+4+4=10
5. What do you mean by measures of central tendency? Discuss the various measures of central tendencies. 3+7=10
6. What does standard deviation reflects? Why is standard deviation a useful measure of variability? Explain the differences between mean deviation and standard deviation. 2+2+6=10
7. Define research proposal. What are the considerations of a good research proposal? 3+7=10
8. Write a research proposal on any topic of your choice. 10

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