

Research Methodology

University of Mumbai

Examinations Summer 2022

Time: 2 hour 30 minutes

Max. Marks: 80

| Q1. | Choose the correct option for following questions. All the Questions are compulsory and carry equal marks |
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| 1. | Which of the following is not a type of research question? |
| Option A: | A hypothesis |
| Option B: | Predicting an outcome |
| Option C: | Evaluating a phenomenon |
| Option D: | Developing good practice |
| 2. | What does 'sampling cases' mean? |
| Option A: | Sampling using a sampling frame |
| Option B: | Identifying people who are suitable for research |
| Option C: | Literally, the researcher's brief-case |
| Option D: | Sampling people, newspapers, television programmes etc |
| 3. | Which of the following is not a data-collection method? |
| Option A: | Research questions |
| Option B: | Unstructured interviewing |
| Option C: | Postal survey questionnaires |
| Option D: | Participant observation |
| 4. | Which of the following is the first step in starting the research process? |
| Option A: | Searching sources of information to locate problem |
| Option B: | Survey of related literature |
| Option C: | Identification of problem |
| Option D: | Searching for solutions to the problem |
| 5. | The per capital income of India from 1950 to 1990 is four times. This study is |
| Option A: | Social |
| Option B: | Factorial |
| Option C: | Horizontal |
| Option D: | Longitudinal |
| 6. | Formulation of hypothesis may not be necessary in |
| Option A: | Survey studies |
| Option B: | Fact finding studies |
| Option C: | Experimental studies |
| Option D: | Normative studies |
| 7. | What is a research design? |
| Option A: | A way of conducting research that is not grounded in theory. |
| Option B: | The choice between using qualitative or quantitative methods. |
| Option C: | The style in which you present your research findings, e.g. a graph. |
| Option D: | A framework for every stage of the collection and analysis of data. |

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| 8. | What is the purpose of the conclusion in a research report? |
| Option A: | It explains how concepts were operationally defined and measured |
| Option B: | It contains a useful review of the relevant literature |
| Option C: | It outlines the methodological procedures that were employed |
| Option D: | It summarizes the key findings in relation to the research questions |
| 9. | Which of the following is not a type of qualitative interview? |
| Option A: | Unstructured interview |
| Option B: | Oral history interview |
| Option C: | Structured interview |
| Option D: | Focus group interview |
| 10. | is "systematically conceptual structure of inter related elements in some schematic form" |
| Option A: | Concept |
| Option B: | Variable |
| Option C: | Model |
| Option D: | Facts |

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| Q2 | Solve any Four out of Six | 5 marks each |
| A | What are the issues and problems faced in research? | |
| B | What are the Paradigms of Action Research Projects? | |
| C | What are the functions of hypothesis? | |
| D | What are the characteristics of survey methods? | |
| E | Describe the instrument schedule method for data collection. | |
| F | Differentiate between dependent samples and independent samples. | |

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| Q3 | Solve any Two Questions out of Three | 10 marks each |
| A | Explain various non probability sampling with suitable examples. | |
| B | Which precautions a researcher should take while collecting data? | |
| C | Explain the procedure for hypothesis testing. | |

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| Q4. | | |
| A | Solve any Two | 5 marks each |
| i. | Discuss the significance of case study in research? | |
| ii. | What do you mean by research problem? Explain. | |
| iii. | What are the guiding considerations in the construction of questionnaire? | |
| B | Solve any One | 10 marks each |
| i. | Explain in detail main three sections of report writing. | |
| ii. | Explain the procedure of data analysis. | |