

Question Bank - Skill Enhancement Course in Economics

B.A.(P) IVth Semester : Research Methodology

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1.	Define and explain Research. How can one apply research in different fields?
2.	What is a research process (Explain in brief) ? Also, what are the different characteristics and requirements of a research process?
3.	What are the different types of research ?
4.	Explain the eight step model involved in the research process?
5.	Define Research Problem. Why is it important to formulate a research problem ? Also, mention the sources of research problem (the four P's).
6.	What considerations have to be kept in mind while formulating a research problem? What is study population and operational or working definitions ?
7.	Explain the steps involved in formulation of a research problem.
8.	Define Research Objective. How do you formulate the same ? Also, explain how is formulation of a qualitative research problem different from formulation of a quantitative research problem ?
9.	Explain the importance of Literature Review in research.
10.	What is Literature Review? Explain as to how can one review the literature?
11.	Explain the sources of literature review. Also explain as to how can one review the selected literature from the sources of existing literature.
12.	What is a variable? How is it different from a concept ?
13.	Define a concept and explain the process of converting them into variables.
14.	Define a variable. What are the types of variables from the perspective of a casual relationship ? Explain them.
15.	What are the categorizations of variables from the perspective of study design and unit of measurement?
16.	What are the different types of scales for the purpose of measurement?
17.	Define a hypothesis. What are the various functions of a hypothesis? Also mention the steps for testing a hypothesis.
18.	Define a hypothesis. What are the characteristics of a hypothesis? Also explain the different types of hypothesis.
19.	What are the different types of hypothesis? Is there a possibility of making errors while testing for a hypothesis? Explain.
20.	Mention and explain the types of hypothesis. Also, can you construct a hypothesis for a qualitative research? How is it different from a hypothesis for a quantitative research?
21.	What is a research design? Also mention and explain the functions of a research design.
22.	What are extraneous variables? Also explain control group and random or chance variables. How do you control for the impact of extraneous variables on your research?
23.	What is a study design? How will you explain the study designs based on number of contacts with study population under study designs for quantitative research?
24.	Explain, elaborately, the difference between qualitative and quantitative research design? List the study designs in quantitative research.
25.	Explain the study designs based on reference period in detail and list out various forms of classification under the nature of investigation and number of contacts with study population, under study designs for quantitative research.
26.	Explain in detail, the study designs based on the nature of investigation under study designs for quantitative research.
27.	Explain the following types of experimental study designs : the after- only experimental design; the

	before and after experimental design; the control group experimental design.
28.	Explain the following types of experimental study designs : the control group experimental design; the double- control experimental design. How are these two components different from each other.
29.	Explain the following types of experimental study designs : The comparative design; the 'matched-control' experimental design; the placebo design.
30.	Explain the following quantitative study designs : Cross- over comparative experimental design; replicated cross-sectional design; trend studies; Cohort studies; Panel studies; Blind studies; Double blind studies.
31.	Explain the following study designs under qualitative research : Case Study; Oral Study; Focus groups / Group Interviews.
32.	Explain the following study designs under qualitative research: Participant Observation; Holistic research; Community discussion forums and reflective journal log.
33.	What are the most commonly used Philosophy guided designs?
34.	What is a research proposal? Are the research proposals for qualitative research different from that of quantitative research? List out the contents of Research proposal.
35.	What is the importance of Preamble in a Research Proposal? What is the purpose of having a specific section on "the problem" of the study in the research proposal?
36.	What is the significance of having a specific section on the Objectives of the study in the research Proposal? What all is covered under the sections of Hypothesis testing and study design in the research proposal of a study?
37.	What do you mean by ethics? Who are the stakeholders in a research? What are the ethical issues regarding the sponsoring organization?
38.	What are the ethical issues that need to be considered with respect to research participants and the researcher?
39.	What are the differences in the methods of data collection for a qualitative and quantitative research? List out the major approaches to information gathering.
40.	Explain, in detail, the Observation method followed to collect data from primary sources.
41.	Explain, in detail, the Interview process followed to collect data from primary sources. List out the advantages and disadvantages of an interview process.
42.	What is a questionnaire? What are the different ways of administering questionnaire. List out the advantages and disadvantages of a questionnaire.
43.	How does one choose between an interview and a questionnaire (Hint : compare the advantages and disadvantages of both components)
44.	Explain the three phases of a Research Process ?
45.	It is essential to write a covering letter with a mailed questionnaire : why? (Hint : explain in the light of the components of a covering letter). List out the advantages and disadvantages of a questionnaire.
46.	What are the different forms of questions? Explain the advantages and disadvantages of different forms of questions.
47.	Define a questionnaire. What is the role play of covering letter in a questionnaire? What are the crucial factors in the formulation of an effective questionnaire?
48.	What are the methods of data collection in qualitative research?
49.	What are secondary sources of data? How is it different from Primary sources of the data collection? What are the problems with using data from secondary sources of data?
50.	What are attitudinal scales in quantitative and qualitative research? What are the functions of attitudinal scales? Mention the difficulties in developing attitudinal scales.
51.	Explain the different types of attitudinal scales for the measurement of qualitative and quantitative research?
52.	Explain the concept of validity in research. What are the types of validity in quantitative research?
53.	What is the concept of reliability in research? What are the factors that influence the reliability of a

	research instrument? Also, mention the methods of determining the reliability of an instrument in quantitative research.
54.	Explain the concept of validity and reliability in research. How do you ascertain validity and reliability in qualitative research?
55.	What is sampling? Explain relevant terminologies. What are the Principles of sampling and Aims in selecting a sample?
56.	What are the different types of sampling. Explain Random Probability sampling in detail.
57.	What are the different types of sampling. Explain Non- Random Probability sampling in detail.
58.	What is Systematic Sampling? How does one calculate sample size? Also, how does one conduct sampling in a qualitative research?
59.	What is data processing? How can a researcher process data in quantitative research?
60.	What is data processing? How can a researcher process data in qualitative research? What is the role of statistics in research.
61.	What are the various methods of communicating and displaying analysed data? Explain the first two components in detail. (Text and Table)
62.	What are the various kinds of graphs in the presentation of analysed data?
63.	How is research writing different from usual writing? What are the crucial factors that need to be included while developing an outline and writing about a variable?
64.	What are the factors that need to be taken care of while writing about a variable in the research report? Also, what are the factors that need to be kept in mind while writing about the references and bibliography in the final research report?
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