

International Institute of Health Management Research (IIHMR)
NEW DELHI
Batch- 2016-18
Supplementary Exams (May 2018)

Time – 3 Hrs

Total marks: 100

Research Methodology

All answers are to be written on the answer sheet only. Answers written on the question paper will not be marked. Please mention the roll number on your answer sheet.

I. Discuss the different data collection techniques and tools in research with examples (30 marks)

II. Write short notes : (6X10=60 marks)

1. How does probability sampling differ from non probability sampling?
2. Explain the term “justice” against the backdrop of ethics in research.
3. Research objectives
4. Review of literature
5. Explain the bias caused by confounding variable with an example
6. Utility of Gantt chart in a research project

III. Tick the most appropriate answer from the options provided (10X1=10 marks)

1. The following is not a categorical variable:
 - a. Seriousness of a disease
 - b. Socioeconomic status of families
 - c. Distance between two health facilities
 - d. Agreement with a statement
2. The following is an analytical study
 - a. Descriptive study
 - b. Quasi experimental study
 - c. Case control study
 - d. None of the above
3. Reliability refers to
 - a. Accuracy
 - b. Repeatability
 - c. Validity
 - d. Discreteness
4. In a study of relationship between Oral Contraceptive pills(OCP) and Breast Cancer, OCP is
 - a. Independent variable
 - b. Dependent variable
 - c. Discrete variable
 - d. Ratio variable

5. The following is a condition for to decide whether a problem situation requires research:
 - a. There should be a perceived difference or discrepancy between what exists and the ideal or planned situation
 - b. The reason(s) for this difference should be clear
 - c. There should be only one possible answer to a question or only one solution to the problem
 - d. All of the above
6. In a quasi experimental study, the following is missing
 - a. Randomization
 - b. Selection of control
 - c. Either of the above or both
 - d. Intervention
7. The following permit free responses which should be recorded in the respondents' own words:
 - a. Closed ended questions
 - b. Checklists
 - c. Open ended questions
 - d. Observation
8. The following summarize what is to be achieved by a study:
 - a. Objectives
 - b. Methodology
 - c. Review of literature
 - d. Problem statement
9. The estimate of the degree to which the sample mean varies from the population mean is given by
 - a. Confidence interval
 - b. Confidence limits
 - c. Standard deviation
 - d. Standard error
10. The assumption that in the total population no real difference exists between two groups is called
 - a. p value
 - b. Significance test
 - c. Standard error
 - d. Null hypothesis