

Department of Demography, University of Kerala

Ph. D Entrance -2016 Model Question Paper

Time: 3 hours

Total Marks: 100

Part – A: Research Methodology Marks: 50

Answer any Ten Questions. All Questions Carry equal Marks.

1. Give a brief outline of scientific procedure in social science research point out the relevance of each step.
2. Explain the need for sampling method of data collection and the types of sampling methods with the examples.
3. Distinguish between Univariate and Bivariate analysis with suitable examples.
4. How do you differentiate quantitative research from qualitative research?
5. Discuss about the advantages and disadvantages of each with appropriate examples.
6. What are the various principles one should consider while preparing a Questionnaire?
7. How can one assess the reliability and validity of measurements.
8. Explain the various fundamentals in interview method with their advantages and limitations.
9. Describe the different qualitative methods of data collection.
10. Discuss in brief the classification and tabulation of data.
11. Explain the various methods of sampling used in social science research.
12. What is content analysis? Indicate the major steps to be under taken in proper content analysis.
13. "Writing a good research report is a skillful art" –Discuss with examples.
14. Differentiate correlation and regression with examples.
15. What is case study method? Explain with appropriate example.
16. Explain Chi-square Test and its advantages and limitations.

Part – B: Demography

Marks: 50

Answer any Ten Questions All Questions Carry equal Marks.

16. Discuss the evolution of the subject demography and its relevance in the present world.
17. Describe the important demographic data sources in India.
18. Differentiate the following
 - a. Fertility and Fecundity
 - b. Natality & Nuptiality.
19. What do you mean by Age –Sex pyramid?
20. Explain the various measures of fertility with illustrations.
21. Discuss the various measures of mortality.
22. Define Infant & child mortality. What are the components of IMR?
23. What is standardization of rates? Why we need standardization?
24. Elaborate Demographic Transition Theory and its relevance now.
25. Discuss the important policy goals in the latest population policy of India.
26. What are the social determinants of health? Discuss.
27. Explain the impact of population growth on economic development.
28. Define Model life tables. What are the important model life tables?
29. Discuss in brief about the various methods for indirect estimation of fertility.
30. Define the following
 - a. Stable population.
 - b. Momentum of Population Growth and
 - c. Reproductive value.

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