

Ph. D. Course Work Examinations
(July, 2018)
Paper Title: Research Methodology
Paper Code: PHD-101

Full Marks: 70

Time: 3 hours

(Answer *any seven* from the following questions)

1. Write in brief on *any five* of the following: 2×5=10
 - i) Literature survey
 - ii) Objectives of research
 - iii) Questionnaire
 - iv) Synopsis
 - v) Experience survey
2. Define research. Explain different types of researches giving examples. 4+6=10
3. Explain importance of hypothesis formulating in formulating a research problem. 10
4. Define 'research objective'. Explain the different groups of research objects giving research justified examples 4+6=10
5. Explain 'sampling design'. Innumerate the aspects of research objects, giving justified examples. 4+6=10
6. Distinguish between 'research problem' and 'research constraints'. Explain the various constraints, generally faced by the researchers in our country. 5+5=10
7. What is research design? Discuss the basis of stratification to be employed in sampling public opinion on inflation. 10
8. What is variable? Discuss its effects in the field experiment of crop plants. 3+7=10
9. Processing of data implies editing, coding, classification and tabulation. Describe these four operations pointing out the significance of each in context of research study. 10
10. What do you mean by measures of central tendency and measures of dispersion? Distinguish between absolute and relative measures of dispersions. 10
