

**3. Answer the following questions: (any two)****5×2=10**

- a) Explain questionnaire. Discuss the important aspects of a questionnaire which adds efficiency towards exploring authentic informations. 2+3=5
- b) Throw light on the importance of review of literature in research? Explain with the help of examples. 2+3=5
- c) Distinguish between an experiment and survey. Explain fully the experimental method of research. 2+3=5
- d) What do you mean by processing and analysis of data? Explain their importance in summarizing the data and drawing inferences/conclusions of a study. 2+3=5

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**Ph.D Course Work-2018A**  
**2<sup>nd</sup> Sessional**  
**RESEARCH METHODOLOGY**  
**(PhD-I)**

**Duration: 1Hrs.****Full Marks: 30****1. Write in brief: (any five)****2×5=10**

- a) Criteria of good research.
- b) Literature survey.
- c) Synopsis.
- d) Objectives of research.
- e) Bibliography.
- f) Sampling error.
- g) Research Hypothesis.

**2. Answer the following questions: (any two)****5×2=10**

- a) How do you define a research problem?
- b) Distinguish between Research method and Research methodology.
- c) Explain the important aspects of questionnaire.
- d) Research design in case of hypothesis –testing research studies.
- e) Write on the steps to be considered in writing scientific report.
- f) Describe the major constraints faced by the researchers in India
- g) Briefly write on the processing and analysis of data generated through experimentation.