

**Pre. Ph.D. Course Work (2017 Course) : SUMMER - 2018 (English)**  
**SUBJECT: PAPER-I – RESEARCH METHODOLOGY AND COMPUTER APPLICATION IN RESEARCH (ENGLISH)**

Day : **Monday**  
Date : **25/06/2018**

**S-2018-4735**

Time : **10.00 AM TO 01.00 PM**  
Max. Marks: 100.

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the **RIGHT** indicate full marks.
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**Q.1 A)** What is the meaning of research? Explain the significance and nature of research. **(20)**

**OR**

**B)** Bring out the various steps like investigation, exploration, examination etc. in research.

**Q.2 A)** Explain the importance of aims and objectives and hypothesis in research with suitable examples. **(20)**

**OR**

**B)** Write a detailed note on the various steps of writing a research proposal.

**Q.3 A)** 'Interpretations and generalizations are based on the proper analysis of data.' Explain the relationship between analyzing the data and generalizations in the light of this statement. **(20)**

**OR**

**B)** Show how collecting and classifying data plays an important role in research.

**Q.4 A)** Write a detailed note on format of the thesis. **(20)**

**OR**

**B)** Write short notes on any **TWO** of the following:

- i) Mechanics of presenting research
- ii) Importance of Bibliography
- iii) Writing a research paper

**Q.5 A)** Discuss the role of computer in research. **(20)**

**OR**

**B)** Write short notes on any **TWO** of the following:

- i) Use of Microsoft in research
- ii) Web search for research
- iii) Editing text

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