

# GBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

18PC71

## Seventh Semester B.E. Degree Examination, July/August 2022 Research Methodology

Time: 3 hrs.

Max. Marks: 100

**Note: Answer any FIVE full questions, choosing ONE full question from each module.**

### Module-1

- 1 a. Briefly explain the different steps involved in a research process. (10 Marks)  
b. State the objectives of research. Explain briefly criteria of good research. (10 Marks)

OR

- 2 a. Explain briefly types of research. (10 Marks)  
b. Distinguish between research methods and research methodology. (10 Marks)

### Module-2

- 3 a. What is research problem? Describe the techniques used for defining a research problem. (10 Marks)  
b. What are the points must be observed while selecting a research problem. (10 Marks)

OR

- 4 a. Explain the various steps involved in conducting a Literature Review. (10 Marks)  
b. Explain the importance of literature review in defining a research problem. (10 Marks)

### Module-3

- 5 a. Explain the various steps involved in the sample design. (10 Marks)  
b. Explain in detail probability sampling and non probability sampling. (10 Marks)

OR

- 6 a. List the differences between collection of data through questionnaires and schedules. (10 Marks)  
b. Define hypothesis. Explain the procedure for hypothesis testing. (10 Marks)

### Module-4

- 7 a. Summaries the salient provisional points in patents. (10 Marks)  
b. List the issues and features covered under TRIPS agreement. (10 Marks)

OR

- 8 a. Enumerate the salient features of the design Act 2000. (10 Marks)  
b. Discuss about intellectual property and explain the necessity of IPR. (10 Marks)

### Module-5

- 9 a. Explain the different steps involved in writing research report. (10 Marks)  
b. Explain the different techniques of interpretation in brief. (10 Marks)

OR

- 10 a. Describe in brief the layout of a research report covering all relevant points. (10 Marks)  
b. Explain the different steps involved in thesis writing. (10 Marks)

\* \* \* \* \*

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.