

Program: F.Y.BSc.DS **Semester:** II **Program Code:** UGDS03
Course: Research Principles & Practices **Course Code:** NUDS206
Duration: 1 Hour **Examination Pattern:** NEP- Autonomous-External **Max. Marks:** 30

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Draw neat diagrams wherever necessary.

Examination:
REGULAR

Q. 1	Attempt any TWO of the following.	[10]	Course Outcome	Knowledge Level
(a)	Define and explain the meaning and purpose of research.		CO1	L2
(b)	Illustrate steps involved in formulating hypothesis		CO3	L3
(c)	Compare and classify the different types of research.		CO2	L4
(d)	Explain the role of literature review and analyze its role in research .		CO3	L4
Q. 2	Attempt any TWO of the following.	[10]	Course Outcome	Knowledge Level
(a)	Explain the steps involved in the research process.		CO1	L2
(b)	Explain the concept of sampling and apply non probability sampling techniques.		CO4	L3
(c)	Define hypothesis and state its types.		CO3	L2
(d)	Design the steps to prepare a research proposal .		C05	L6
Q. 3	Attempt any TWO of the following.	[10]	Course Outcome	Knowledge Level
(a)	Classify different types of questionnaires used in research.		CO4	L2
(b)	Differentiate between primary and secondary data .		CO4	L4
(c)	Explain the importance of tables and graphs in interpreting data.		CO4	L2
(d)	Explain and classify different types of research design.		C04	L2

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