

**RESEARCH METHODOLOGY  
(COMMON FOR ALL SPECIALITIES)**

**Time: 3 Hours.**

**Max Marks: 100**

**Note:** Answer all questions.

Give Diagrammatic representation wherever necessary.

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**Analytical based structured question (ABQ)**

**1 X 20 = 20**

1. Describe the process of drug research in Ayurveda. Discuss its significance in modern clinical research and regulatory aspects.

**Short answer questions:**

**8 X 5 = 40**

2. Define and explain the purpose of research hypothesis.
3. What are the common biases in research and how can they be minimized?
4. Describe the importance of peer review in scientific publishing.
5. Explain the role of observational studies in ayurveda research.
6. What are the essential components of an ayurveda research dissertation?
7. Write short notes on drug research.
8. Explain the term 'publication ethics' and its importance.
9. Describe different ways of data collection in qualitative research.

**Long answer questions:**

**4 X 10 = 40**

10. Discuss the importance of clinical trails in ayurveda and their regulatory framework.
11. Explain the key differences between quantitative and qualitative research methods.
12. Discuss the methodology and significance of literature review in ayurvedic research.
13. Explain different methods of data validation and their relevance in ayurveda research.

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