

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA, WARANGAL – 506 002

MD/MS (AYURVEDA) FIRST SUMMATIVE ASSESSMENT EXAMINATIONS: MAY, 2025

RESEARCH METHODOLOGY
(COMMON FOR ALL SPECIALITIES)

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Analytical Based Structured Question (ABQ)

1 X 20 = 20

1. Discuss the process of identifying a research problem in Ayurveda. Explain the significance of formulating a research question and hypothesis with suitable examples.

Short Answer Questions:

8 X 5 = 40

2. Define Evidence-based medicine and its role in ayurvedic research.
3. Explain the functions of an Institutional ethics committee.
4. Describe the observational study designs used in clinical research.
5. What is blinding in clinical trials? Mention its types.
6. Describe the significance of preclinical studies in drug development.
7. Explain the essential components of research protocol writing.
8. What are the different types of journal articles used in scientific research?
9. Define the term 'Scientometrics' and its applications in research.

Long Answer Questions:

4 X 10 = 40

10. Explain the importance of literature search in research and discuss its critical appraisal techniques.
11. Describe the principles of ethics in research and its application in Ayurveda.
12. Discuss the types, structure and significance of systematic reviews and meta-analysis in research.
13. What are the various assessment tools used in research? Explain with examples.
