

PAPER CODE : MDA0201

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TELANGANA STATE, WARANGAL – 506 002
MD/MS (AYURVEDA) SECOND SUMMATIVE ASSESSMENT EXAMINATIONS:
NOVEMBER 2025

APPLIED BASICS OF DRAVYAGUNAVIGNANA

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Application based question:

1 X 20 = 20

1. Describe about commonly used experimental animals. Explain drug screening methods used to assess analgesic and muscular strength in animal experimental models.

Short answer questions:

8 X 5 = 40

2. What is Bioavailability? interpret concept of virya on the basis of bio availability.
3. Brief about application of Samyoga and Samskara guna in compounding of drugs.
4. Write about methodology to identify and interpret functional relationships using database employed in medicinal plant research.
5. Write the methodology of analysis and utility of Optic Abbe's Refractometer.
6. Describe the biophysical and Biochemical approach to understand Guru, Laghu, Sheeta and Ushna Guna.
7. Write about clinical application of Vipaka.
8. Write difference between Prabhava and Samanya karma with examples.
9. Analyse virya on the basis of active constituents along with its clinical utility.

Long answer questions:

4 X 10 = 40

10. Explain the utility of Vishishta gunas in collection, selection and quality determination of Dravya.
11. Write about concept of extra oral taste receptors and their clinical relevance.
12. Write about experimental and clinical models used for the assessment of Vipaka.
13. Brief about databases used in medicinal plant research for predicting structural relationship.
