

**M.D. (Ras Shastra & Bhaishajya Kalpana) : SUMMER - 2019**  
**SUBJECT : RASA SHASTRA EVAM BHAISHAJYA KALPANA**  
**PAPER-II : BHAISHAJYA KALPANA**

Day : Tuesday  
Date : 18/06/2019

**S-2019-4194**

Time : 10.00 AM TO 01.00 PM  
Max. Marks : 100

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the Right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

**Long Answer questions (LAQ) (ANY THREE) (3 X 20 = 60 Marks)**

- Q.1** Elaborate manufacturing and Quality control standards of Guti-Vati Kalpana as per ancient and modern techniques.
- Q.2** Describe classical and contemporary methods of Collection and Storage of fresh and dry Aushadhi dravyas.
- Q.3** Write in detail Concept of Aushadha Seven kala according to Sharangdhar Samhita and it's significance with examples.
- Q.4** Write the Principles of formulation development for Ayurvedic herbal medicines with one example each.

**Short Answer questions (SAQ) (ANY TWO) (2 X 10 = 20 Marks)**

- Q.5** Elaborate importance of Panchavidha kashay kalpana with appropriate examples of each kalpana.
- Q.6** Describe the different Extraction techniques as per modern science and write their use in Ayurvedic pharmaceuticals.
- Q.7** What is Lepa? Write the preparation and application method of different Lepa formulations.

**Short notes (ANY FOUR) (4 X 5 = 20 Marks)**

- Q.8** Importance of time period in preparation of Sneha Paka Kalpa
- Q.9** Method of Basti Dravya Preparation
- Q.10** Quality control parameters for Avaleha Kalpa
- Q.11** Importance of Size reduction and Separation
- Q.12** Importance of Yogaratnakar in Ayurvedic clinical practice

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