

Second Professional BAMS Degree Regular Examinations January 2025
Rasasastra & Bhaishajya Kalpana Paper - I

Ayurvediya Aushadhi Nirmana Vigyana
(2021 Scheme)

Time: 3 Hours**Total marks:100**

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw diagrams wherever necessary

1. Multiple Choice Questions**(20x1=20)**

The Answers to MCQ questions (Q.No. i to Q.No. xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only

- Number of Kashaya kalpanas as per Susrutha

a) 5	b) 4	c) 6	d) 7
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- Lohitikarana ia advised for _____ Bhasma

a) Swarna	b) Vanga	c) Loha	d) Abhraka
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- Dhatu used for Nirutta Bhasma Pareeksha

a) Nagu	b) Swarna	c) Rajata	d) Tamra
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- According to Sushruta Twak should be collected in

a) Hemanta	b) Sharad	c) Varsha	d) Pravrit
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- Saveeryatavadhi of Avaleha according to Sharangadhara

a) Masat	b) Masat dwayam
c) Varsat dwayam	d) Vatsarat param
- The quantity of valuka to be filled in valuka yantra is

a) 5 Adaka	b) 1 Prasta	c) 10 Adaka	d) 1 Tula
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- According to Rasaratna samuchaya, Vajra moosha is used for

a) Amritheekaram	b) Satwapathanam
c) Nirutheekaranam	d) Maranam
- Kosti is generally used for

a) Shodhana	b) Marana	c) Satwapatana	d) Druti preparation
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- Dose of Kalka according to Sharangadhara

a) 1 pala	b) $\frac{1}{2}$ pala	c) 1 Karsha	d) 2 pala
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- Patra Paka is performed to

a) Augment fragrance to Sneha	b) For the preparation of Kshara
c) Prepare Masi Kalpana	d) Extract Swarasa from Leaves
- Udashwith is a type of

a) Sneha	b) Sandhana	c) Krishara	d) Takra
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- One of the Grahya Lakshana of Parada

a) Astasra	b) Astaphalaka
c) Madhyana Surya Pratima Prakasha	d) Shatkona
- Natabhushana is the Synonym of

a) Haratala	b) Gandhaka	c) Manahshila	d) Kampillaka
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- Number of Tamra Dosha

a) 6	b) 8	c) 10	d) None
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- Pravala is a _____ Ratna

a) Khanija	b) Pranija	c) Vanaspatija	d) All the above
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(PTO)

xvi. The composition of Pittala is
 a) Copper+Zinc b) Copper+Tin c) Copper+Lead d) Copper+Mercury

xvii. Lohaparpati is _____ Murchana
 a) Nirgandha Sagni b) Sagandha Sagni
 c) SagandhaNiragni d) Nirgandha Niragni

xviii. Specifications of Manufacturing units of different dosage forms of ASU Drugs are mentioned in.
 a) Schedule M b) Schedule T c) Schedule N d) Schedule H

xix. Emulsion is a _____ dosage form
 a) Solid unit b) Semisolid external d) Manophasic liquid
 c) Biphasic liquid

xx. Chemical formula of Manikya is
 a) Al_2O_3 b) SiO_2 c) $CaCO_3$ d) C

Short Answer Questions

(8x5=40)

2. Explain historical evolution of Ayurvedhiya Aushadhi nirmana and Rasasastra
3. Describe Dola yantram with diagram
4. Illustrate all bhasma pareekshas as per classical description
5. Write notes on Mahaputam and Gajaputam
6. Describe mineralogical identification and varieties of Abhraka
7. Describe Sodhana and Marana of Haritala
8. Describe the regulatory provisions relevant to ASU Drugs in Drugs & Cosmetic Act 1940 and Rules 1945.
9. Describe classification of different dosage forms

Long Answer Questions

(4x10=40)

10. Write in detail about Kwatha Kalpana. Enlist the dosage forms came under Panchavidha Kashaya Kalpana and their upakalpana
11. Write notes on General method of preparation of
 - a) Sneha kalpana with one example
 - b) Sandhana kalpana with one example
12. Describe types and method of preparation of Koopipakwa rasayana with an example of Rasasindoora
13. Write notes on Lepa kalpana. Describe general method of preparation of kshara kalpana with one example
