

Second Professional BAMS Degree Supplementary Examinations

July 2025

Rasasastra & Bhaishajya Kalpana Paper - II

Ayurvediya Aushadhi Prayoga 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

- As per Bhaishajya Ratnavali what is true regarding "Param Bheshaj".
 - युक्त मात्रं महावीर्यं गन्धवर्णं रसान्वितम् ।
 - किटाद्यभक्षितं शुद्धं मृतं लोहादिकं तथा । समीक्ष्य काले दत्तञ्च ।
 - A and B both are correct
 - A is correct but B is not
- Which of the following is **NOT** an ingredient of Guduchi Kwatha
 - Padmaka
 - Dhanyaka
 - Parpataka
 - Rakta chandana
- The science which encompasses the activities concerning to the detection, assessment, understanding and prevention of Adverse Drug reactions or any other possible drug related problems
 - Pharmacodynamics
 - Pharmacovigilance
 - Pharmacokinetics
 - Pharmacognosy
- Following features due to Ashuddha, Apakwa Rasavarvarga sevana are linked with which of the Rasavarga Dravya
तनोति तापकम्..., करोति रक्तजान गदान् । प्रसन्नता, सुरुपतां शरीरबन्धचारुताम् । प्रभां बलञ्च नाशयत्यतो ..।
 - Naga
 - Gandhaka
 - Tamra
 - Rajat
- Ashtamahadosha are Ashuddha, Apakwa Rasavarvarga sevana are linked with which of the Rasavarga Dravya
 - Swarna Makshika Bhasma
 - Tamra Bhasma
 - Naga Bhasma
 - Vanga Bhasma
- According to Rasatarangini, what is therapeutic dose of Shuddha Gandhaka
 - 1 Ratti -8 Ratti
 - 1/10th Ratti-2 Ratti
 - 1 Ratti- 1 Shana
 - 1 Masha-3 Masha
- What is proportion of Sphatika and Jala in Kankshi jala/ Drava as per Rasatanangini
 - 2 Ratti Kankshi in 2 Pala Jala
 - 2 Masha Kankshi in 2 Pala Jala
 - 2 Shana Kankshi in 2 Pala Jala
 - 1 Ratti Kankshi in 1 Pala Jala
- What is duration of administration of Arogyavardhini Gutika as per Rasaratna Samucchaya
 - 1 Masa
 - 1 Mandala
 - 1 Week
 - 1 Samvatsara
- What is therapeutic dose of Chandraprabha Vati according to Sharangdhara Samhita
 - 1 Ratti
 - 1 Shana
 - 1 Karsha
 - 1Kola
- What is Rogadhikara (formulation mentioned under the management protocol of specified disease) of Praval Panchamrut Rasa as per Bhaishajya Ratnavali
 - Amlapitta
 - Jvara
 - Raktapitta
 - Gulma
- What is Anupana of Sameerapannaga Rasa as per Ayurveddic formulary of India
 - Betel leaf, Eranda taila
 - Honey & Ghee
 - Ardraka Swarasa
 - Betel leaf, honey both
- What is Sahapana of Pushyanuga Churna as per Ayurveddic formulary of India
 - Kshaudra, Tandulambu
 - Panchapallavodaka, Mastu
 - Gandhodaka, Godugdha
 - Ajadugdha, Ajaghrith
- What is Rogadhikara (formulation mentioned under the management protocol of specified disease) of Sudarshana Churna as per Bhaishajya Ratnavali
 - Jwara
 - Raktapitta
 - Gulma
 - Atisara

(PTO)

- xiv. “यथेष्ठाहारवानपि”, “योपरुन्ध्यान्नभोजनम्”, is comment for dose of which of the following formulation
- Balachaturbhadraka and Chyavanprashavaleha
 - Brahmi Ghrit and Dadimavaleha
 - Pushyanuga Churna and Narayana Taila
 - Yogaraja Guggulu and Chyavanprashavaleha
- xv. Which among following formulation is generally recommended and used for internal oral administration
- Panchaguna Taila
 - Lepa Guti
 - Nilibhringyadi Taila
 - Narayana Taila
- xvi. Find out correct statement for emulsions
- Oil in water emulsions have water as major phase
 - Water in oil emulsion needs more quantity of preservative soluble in polar media
 - Emulsion is monophasic dosage form
 - Surfactants are not needed for preparation of emulsion
- xvii. Find out correct pairs of principle indications of formulations
- | | | |
|--------------------------|---|-----------------------|
| 1) Saubhagya Shunthipaka | - | i) Cardioprotective |
| 2) Arjuna Ksheerapaka | - | ii) Womens health |
| 3) Chyavanprashavaleha | - | iii) Geriatric Health |
- 1 - iii
 - 3 - ii
 - 2 - i
 - 1 - i
- xviii. Identify correct pair of Anupana for indication of Kaishore Guggulu as per Sharangdhara Samhita.
- Vrana, Kushtha-Khadira Kwatha
 - Gulma-Vasa Swarasa
 - Netra roga- Varuna Kwatha
 - Vrana, Kushtha –Varuna Kwatha
- xix. What can be most appropriate protocol for mode of drug administration of medicines for the management of Vrana
- Only Local external application with direct contact medicines
 - Local external application with direct contact medicines as well as Oral
 - Local external application with direct contact medicines and including Dhoopana and Oral, sthanik basti as well as sarvadaihk Gudagat Basti,
 - Local, oral, Nasya
- xx. What is **NOT** true regarding adverse drug reaction
- Dose-related reaction are common, related to a pharmacological action of the drug, predictable and with low mortality
 - Bizarre reactions are uncommon non-dose-related reaction, not related to a pharmacological action of the drug, unpredictable and with high mortality
 - chronic reactions are uncommon dose- and time-related reaction related to the cumulative dose
 - Therapeutic drug failure is not Adverse drug reaction.

Short Answer Questions

(8x5=40)

- Write a short note on therapeutic utility, pharmacokinetics and pharmacodynamics of Gandhaka Rasayana.
- Write short note of differentiation of therapeutic utility of Bhallataka Ghrit and Bhallataka Avaleha.
- Explain therapeutic properties, dose, Anupana and pathyapathya of Abhraka Bhasma.
- Describe ingredients, therapeutic importance, dose and Anupana of Pushyanuga churna.
- Ingredients, Dose and Therapeutic uses of Chandraprabha vati.
- Describe an Ayurvedic classical preparation which can serve as rasayana/nutraceutical in geriatric health.
- Pharmacokinetic aspect of classical dosage forms for Anal route of administration.
- Examples of beneficial and potentially hazardous Drug-drug and drug food interactions mentioned in classical texts of Ayurveda.

Long Answer Questions

(4x10=40)

- Explain the pharmacokinetics, pharmacodynamics, therapeutic properties, Matra, Anupana and pathyapathya of Guduchi Hima, Guduchi Satva and Amritarishta
- Explain therapeutic properties, therapeutic uses, dose, Anupana, Pathyapathya, shelf life and important formulations of Tamra Bhasma.
- Mention reference, ingredients, therapeutic properties, doses, duration of treatment, anupana for Arogyavardhini Vati.
- Mention ingredients, therapeutic importance, dose, duration of treatment, time of administration, shelf life and clinical publications on Panchagavya Ghrita.
