

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

M. Pharm(Ayu.) Final Year Examination - December - 2018

Rasashastra & Bhaishajya Kalpana - II

Date: 24-12-2018
Monday

Time: 09:30 A.M. to 12:30 P.M.
Marks: 100

Instructions : 1. Attempt any five questions.
2. All questions carry equal marks.

1. Define Saviryata Avadhi. Describe methods of evaluating Saviryata Avadhi of medicinal products.
2. Write in detail about principles of Sneha Paka and its standardization.
3. Write the components of Sanjivani Vati. Explain standard operative procedures under quality control aspects of Sanjivani Vati.
4. Enumerate Sudhavargiya Dravya and their categorization. Write in detail on Shodhana, Marana and therapeutic uses of Shankha.
5. Write in brief about the following :
 - A. Yashada Jarana.
 - B. Kshirabala Taila.
 - C. Triphala Guggulu.
 - D. Gandhakadya Malhara.
6. Answer any **Four** of the following :
 - A. Shodhana and Marana of Swarna.
 - B. Therapeutic dose and uses of Naga.
 - C. Jarana and Marana of Vanga.
 - D. Write names of five formulations that contain Loha Bhasma.
 - E. Amrutikarana of Tamra.

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Dravyaguna Vigyan - II

Date: 26-12-2018
Wednesday

Time: 09:30 A.M. to 12:30 P.M.
Marks: 100

- Instructions : 1. Attempt any five questions.
2. All questions carry equal marks.

1. Write the botanical name, family, two important synonyms, part used and Rasa Panchaka of following plants.
 - A. Bibhitaki.
 - B. Jivanti.
 - C. Khadira.
 - D. Maricha.
 - E. Arjuna.
2. Describe the following Karma in detail with examples.
 - A. Anulomana.
 - B. Deepana.
 - C. Angamarda Prashamana.
 - D. Vajikarana.
 - E. Stambhana.
3. Write the source, properties, quality marks, therapeutic uses and two formulations of following Dravyas :
 - A. Pravala.
 - B. Shambooka.
 - C. Mukta.
 - D. Shukti.
4. Write about the factors responsible for controversy on botanical identification of raw drugs and steps to resolve it. Describe the plant Amlavetas and Bala in term of resolving their controversy.
5. Write short notes.
 - A. Good cultivation practice.
 - B. Different storage methods.
6. Write about the impurities of the drugs and describe various Shodhana (Purification) methods and their effects on Visa Dravyas.

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Recent Advances in Ayurvedic Drugs Research

Date: 27-12-2018
Thursday

Time: 09:30 A.M. to 12:30 P.M.
Marks: 100

Instructions : 1. Attempt any five questions.
2. All questions carry equal marks.

1. Explain the various Multivariate Analytical methods used for New Drug Discovery.
2. Define Apoptosis. Explain the characteristics, mechanisms and therapeutic uses of apoptosis.
3. Describe applications of various methods of DNA finger printing technology for herbal plants and write its advantages.
4. Explain detail aspects of Lead optimization and Drug development in New Drug Discovery process.
5. What are the different strategies in the search for New lead compounds? Explain the second strategy of screening methodology for New drugs.
6. Write short note on any **TWO** of the following:
 - A. Reproductive toxicity study in animals.
 - B. Hybrid technology & Colorants.
 - C. Detail note on Research paper writing.
