

GUJARAT AYURVED UNIVERSITY, JAMNAGAR

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

Rasashastra & Bhaishajya Kalpana - II

Date: 30-07-2018
Monday

Time: 10:00 A.M. to 01:00 P.M.
Marks: 100

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

1. What is SOP?. Write the detail SOP's of Swarna Bhasma in detail.
2. What is Suddha Varga? Enumerate the drugs under this group.
3. Explain the in detail about the method of preparation of Apamarga Kshara and its therapeutic utility.
4. Describe the concept of Marana and explain the effect of Marana process in various Ayurvedic formulations with suitable examples.
5. What is Lepa Kalpana? Describe the both ancient and modern procedures used in the preparation of Lepa Kalpana.
6. Write short note on any **Four** of the following :
 - A. Malahara Kalpana
 - B. Arka Kalpana
 - C. Sneha siddhi Lakshana with their scientific background
 - D. Triphala Guggulu
 - E. Varti Kalpana

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Dravyaguna Vigyan - II

Date: 31-07-2018
Tuesday

Time: 10:00 A.M. to 01:00 P.M.
Marks: 100

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

1. Write the botanical name, two synonyms with their elucidation, Rasadipanchaka, therapeutic dose and two formulations containing the drug as major ingredient of the following drugs.
1. Vidanga 2. Kalamegha 3. Guggulu 4. Vasa
2. Write the botanical name, Habitat, varieties, major chemical constituents and dosha karma of following drugs.
1. Lasuna 2. Ela 3. Jeevanti 4. Shatavari
3. Justify the need of research in Dravyaguna and write in detail about various types of researches in dravyaguna.
4. Note down the API recommended botanical source of the following drugs by API and mention the available other botanical sources either in the market or used by traditional practitioners. Put forth your views with justification why the recommended drug by API should be considered.
1. Pasanabheda 2. Sankhapuspi 3. Nagakeshara 4. Meshasringi
5. Write about the need of substitution of herbal drugs in Ayurveda with suitable examples and describe Good cultivation and storage practice of medicinal plants.
6. 3. Write short notes on:
A. Mrigasringa
B. Deepana
C. Trinapanchamoola
D. Conservation of medicinal plants

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Recent Advances in Ayurvedic Drugs Research

Date: 01-08-2018
Wednesday

Time: 10:00 A.M. to 01:00 P.M.
Marks: 100

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

1. Write a detail note on Apoptosis and its evaluation methods.
2. Detailed note on advance technologies used in identification and standardisation of herbal drug.
3. Enumerate various microanalytical methods for Extraction. Explain any two methods from them in detail.
4. Explain the various Multivariate Analytical methods used for New Drug Discovery.
5. Explain detail aspects of Lead optimization and Drug development in New Drug Discovery process.
6. Write short note on any **TWO** of the following :
 - A. Carcinogenicity study in animals.
 - B. Colorants & Hybrid Technology
 - C. Detail note on Research paper writing.
