

**Rajiv Gandhi University of Health Sciences**  
**Final Year M.D. Ayurveda Degree Examination – May 2010**

Time: 3 Hours]

[Max. Marks: 100]

**RASASHASTRA**

**PAPER IV**

**(Revised Scheme)**

**Q.P. CODE: 8759**

Your answers should be specific to the questions asked.  
 Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY**

**1 X 25 = 25 Marks**

Write a critical commentary on status of Rasa Shastra in samhita period of Ayurveda (brihatrayee)

**SHORT ESSAY**

**2 X 12.5 = 25 Marks**

Explain the contribution and modern outlook of "Rasa Tharangini"  
 Contribution of "Natha Sampradaya" in the development of Rasa Shastra

**SHORT ANSWERS**

**10 X 5 = 50 Marks**

- Mention different Sampradayas in the evolution of Rasa Shastra
- Status of Rasa Shastra in the modern era
- Importance and contribution of "Rasa Ratna Samuchhaya"
- Evolution of Yantras - Ancient and Modern
- Mention any Five Journals published in the field of Rasa Shastra and Pharmaceutical Sciences
- Explain the contribution of "Rasa Prakasha Sudhakara"
- Contribution of Acharya Madhav Upadhyaya to Rasa Shastra literature
- Write a note on the contribution of "Viswanatha Dwivedi" to Rasa Shastra literature
- Role of pharmaceutical MNC's in the propagation of Ayurvedic Medicine
- Write about the Author period and contribution of "Rasa Jala Nidhi"

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## **RASASHASTRA**

### **USHADHA MANAKEEKARANA VIGNANAM - PAPER III**

(Revised Scheme)

**Q.P. CODE: 8758**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

#### **LONG ESSAY**

**1 X 25 = 25 Marks**

1. What is sandhana? Describe the classification of sandhana-kalpana. Write the sandhana siddhi-lakshana's and its importance. Discuss in detail about the standardization of alcoholic preparations in ayurveda and the problems involved

#### **SHORT ESSAY**

**2 X 12.5 = 25 Marks**

2. Explain in detail "Arka kalpana" and the pharmacological standards involved in its preparation
3. Explain in detail the importance of pancha vidha kashaya kalpana. Write the standardization of pancha vidha kashayas, the methods and problems involved

#### **SHORT ANSWERS**

**10 X 5 = 50 Marks**

4. Explain the rationale behind different types of churna with examples and their uses
5. What is Kshara-kalpana – its preparation with one example
6. Explain the method of preparation of Guggulu-kalpa with their gunas and karmas
7. Dashanga-lepa – ingredients, preparations, action and uses
8. Yusha – mode of preparation, its importance and uses
9. What is the difference between kavala and gandusha? Explain their mode of action with example
10. Shushka ardra-dravya grahana vidhi (Procedure for collection of dry and fresh drugs)
11. Explain "Masee kalpana" and how it can be pharmacologically standardized
12. Chandrodayavarti – ingredients, mode of preparation and indications
13. "Siddhi laksana" of bhasmas with Special Reference to physical chemical and biological standards

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**RASASHASTRA**  
**PAPER II**  
**(Revised Scheme)**  
**Q.P. CODE: 8757**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY**

**1 X 25 = 25 Marks**

1. Discuss in detail about parpati kalpana. Explain the pharmaceutical procedures involved in preparation of rasa parpati and sweta parpati. Is there any importance of flake shaped final product weather pharmaceutically or therapeutically, comment critically

**SHORT ESSAY**

**2 X 12.5 = 25 Marks**

2. Write a illustrative note on different kinds of puta with more emphasis on utility of different dimensions of different puta
3. Describe the manufacturing process of makardhwaj in detail

**SHORT ANSWERS**

**10 X 5 = 50 Marks**

4. How narrations related to good rasashala are important now a days?
5. Describe vajra musa
6. Comment on utility of koshti and its replacement by furnaces
7. Write about mitra pancha varga and its uses
8. Write down a short notes on hemagarbh pottali
9. What are the ingredients for preparation of rasa pushpa and rasa manikya?
10. Enumerate ingredients of saptamrita loha and arogya vardhini rasa
11. Write a illustrative note on utility of patan yantra
12. Draw a graphical sketch of temperature pattern applied for preparation of swarna vanga
13. Why sandhi bandhan are being done in process of puta?

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# Rajiv Gandhi University of Health Sciences

## Final Year M.D. Ayurveda Degree Examination - May 2010

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### RASASHASTRA

#### PAPER I

(Revised Scheme)

### Q.P. CODE : 8756

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

1 X 25 = 25 Marks

#### LONG ESSAY

Enumerate the ashtadasha samskar of parada. Discuss in detail about ashta samskar of parada providing emphasis on media and equipments used in the different process of samskara

2 X 12.5 = 25 Marks

#### SHORT ESSAY

Comment with scientific reasoning on different processes of murchhana in special reference to their therapeutic effects

Write down a critical note on various processes indicated for marana of tamra and hartala

10 X 5 = 50 Marks

#### SHORT ANSWERS

Enumerate five ores of abhrak and write down their colours

Give a brief account of substances of vishopavish group as per classification of rasa tarngini

Classify the types of manashila and harapra with emphasis on basis of its classification

Describe two method of shodhan of mahshika

Discuss in short about controversies in relation of agnijara

Write down two methods of maran of kasisa

Explain apunarbhava and niruttha test on basis of contemporary physico-chemical analysis

What are ratna dosha?

Write in short about shodhan and marana method of praval

Write a short note on shodhan and therapeutic dose of vishamushti and jayapala

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**BHAISHAJYA KALPANA**  
**BHAISHAJYA KALPANYAHA**  
**VAANGMAYSYETIHASA – PAPER IV**  
**(Revised Scheme)**

**Q.P. CODE: 8514**

Your answers should be specific to the questions asked.  
 Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY**

**1 X 25 = 25 Marks**

1. Role of Sharangadhara in the development of Bhaishajya Kalpana

**SHORT ESSAY**

**2 X 12.5 = 25 Marks**

2. Churnakalpana and its developments
3. Natural preservatives

**SHORT ANSWERS**

**10 X 5 = 50 Marks**

4. Hydroalcoholic preparations
5. Himakalpana
6. Khalvayantra
7. Waruni
8. Vati Kalpana
9. Sugar Coating Pan
10. Ayasakruti
11. Bakkasa
12. Krushara
13. Tableting Machine

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**BHAISHAJYA KALPANA**  
**BHAISHAJYA NIRMANA AND**  
**USHADHA MANAKI KARANA – PAPER III**  
**(Revised Scheme)**

**Q.P. CODE: 8513**

Your answers should be specific to the questions asked.  
 Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY**

**1 X 25 = 25 Marks**

1. State the importance of old and Adhunik yantra's in the pharmaceutical industry of Ayurveda

**SHORT ESSAY**

**2 X 12.5 = 25 Marks**

2. Kaishora guggulu niramaanam
3. Maha – Vatagajankush Rasa

**SHORT ANSWERS**

**10 X 5 = 50 Marks**

4. Churnam
5. Phalatrikadi Kwatha
6. Samanya Musha
7. Apamarga Kshara Nirmanam
8. Badamapaka
9. Dashamularista
10. Rasonadivati
11. Bal Tailam
12. Bhanupaka
13. Dravaka Gana

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### **BHAISHAJYA KALPANA**

### **RASA SHASTRA – PAPER II**

### **(Revised Scheme)**

## **Q.P. CODE : 8512**

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

### **LONG ESSAY**

1 X 25 = 25 Marks

1. Use, method and importance of "Vishopavishadidravya" in Ayurveda medicine

### **SHORT ESSAY**

2 X 12.5 = 25 Marks

2. Importance of Kupipakwa rasayana
3. Basic concept of 'Maradanam – Gunavaradhanama' in Rasashastra

### **SHORT ANSWERS**

10 X 5 = 50 Marks

4. Parpati kalpana
5. Tribhuwanaakirtirasa
6. Lohabhasma pariksha
7. Parag shodhana and it's importance
8. Makardhwaja
9. Tamramarana
10. Shoodha Gandhaka
11. Dhanyabhraka Nirmana
12. Trivanga Bhasma
13. Praval Pisti

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### **BHAISHAJYA KALPANA** **BHAISHAJYA KALPANA AADHARA** **BHOOTA SIDDHANTAH - PAPER I** **(Revised Scheme)**

## **Q.P. CODE : 8511**

Your answers should be specific to the questions asked.  
 Draw neat labeled diagrams wherever necessary. Answer all questions

**1 X 25 = 25 Marks**

#### **LONG ESSAY**

1. Ayurvedharasashala and importance of good manufacturing practices

**2 X 12.5 = 25 Marks**

#### **SHORT ESSAY**

2. Sharangadhara Samhita and Bhaishajyakalpana
3. Dravya - Sangraha - Vidhanam

**10 X 5 = 50 Marks**

#### **SHORT ANSWERS**

4. Role of Madhura Dravya in Sandhankalpa
5. Aushadhi -- Dravya - Praptisthanaha
6. Sneha Murchhana
7. Arka Kalpana
8. Tableting Machine
9. pH value and Asawaristha
10. Ball Mill
11. Bhawana Samskara
12. Guduchi Satwa Nirmana
13. Panaka