

Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination – May 2011

[Max. Marks: 100]

Time: 3 Hours]

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

1 X 25 = 25 Marks**LONG ESSAY**

What is Dehavada and Rasashastra? Write down only names of the drugs mentioned under the group of Rasa, sadharana Rasa, Ratnas and Dhatus mentioned in the Rasa Ratna Samuccaya

2 X 12.5 = 25 Marks**SHORT ESSAY**

Discuss status of Rasashastra in samhita period

Discuss drugs & Cosmotics act? Write about need of this act in the present scenario

10 X 5 = 50 Marks**SHORT ANSWERS**

Write contributions of Ayurveda prakasha towards Rasashastra

Who is Bhudev Mukherji and what are his contributions

Discuss about works of T K D L.

Discuss about works of Nagarjuna.

Discuss metallic preparations of charaka.

Discuss useful Rasakarma Upakaranas.

Describe role of Manaparibasha in the context of Rasashastra

Discuss Status of Rasashastra in the present Scenario.

Submit critical view on Anandkanda in the context of Rasashastra

Submit your views with proper reasons to the below mentioned controversial statement.
Modern science claims use of mercurial preparation produce toxicity. Where as Ayurveda says the use of these preparations exhibit ragayana effects."

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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

Steps involved in standardization of tribhuvanakirti rasa.

SHORT ESSAY

2 X 12.5 = 25 Marks

In 'process standardization' of 'Sameerapannaga rasa'.

'Finished product standardization' of ' Rasaparpati'

SHORT ANSWERS

10 X 5 = 50 Marks

Enlist Bhasmaparikshas & mention in short their role in standardization of the product

What is T L C & write in short Odly methodology of analysis of an organic liquid with the help of T L C

Write in short how Gajaputa can be standardized for temperature control

What is reproducibility? How it could be achieved in a Kupipakvarasayana

What are teets of good pattali rasayana? How there can be standardised

Write about importance of pharmacognosy in standardization of Rasaushadhis

Define the terms PH & PPM & write in short about their use in standardization

Give importance of 'Raw material' standardization in short

Process standardiazation of 'Samaguna Kajjali

Name some advanced modern techniques used for the standisation of Rasaushathies with principles on which they are based.

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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

1 X 25 = 25 Marks**LONG ESSAY**

Describe contents, method of preparation, dose and indications of Gandhaka Rasayana

2 X 12.5 = 25 Marks**SHORT ESSAY**

Discuss modern equipments in place of ancient in the Rasashala
Write down pharmaceutical process of Somanatha tamra bhasma

10 X 5 = 50 Marks**SHORT ANSWERS**

- Write pharmaceutical process of Ananda bhairava rasa
- What is panchamrita? Discuss its uses
- Explain Thalastha and Kanthastha and Ubhayastha in the context of Kupipakwa preparations with examples
- Describe role of puta in the preparation of Bhasmas? Write names of different putas
- Discuss types of Agni according to Rasa texts
- Discuss kinnara yantra
- Discuss what are the differences between kshara parpati and rasa parpati
- What is Apunarbhava and Unam pariksha? Discuss
- Discuss Bhavana? Write its role in the preparation & therapeutics
- Define the word Druti and discuss about Gandhaka druti

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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

What is the difference between jaarana & Murchana? Explain the importance of gandhaka jaarana

2 X 12.5 = 25 Marks

SHORT ESSAY

How the modern technology is helpful in the preparation of bhasma, describe with any one example

What are the fundamentals of rasashastra? Explain in brief

10 X 5 = 50 Marks

SHORT ANSWERS

1. Therapeutic importance of vishesh shodhana
2. Preparation of Ghoshakrishta tamra & its utility
3. Pancha gatis of parada
4. Importance of paribhasha in rasashastra
5. Difference between sagnadha & Nirgandha formulations
6. Describe the shodhana of copper containing drugs
7. Patana samskara of parada
8. Vishesh shodhana dose and formulation of kupilu
9. Explain "Vikrutayati lohani ten a vaikrantakah
10. Importance of samanya shodhana of dhatu varga

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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

1 X 25 = 25 Marks

LONG ESSAY

1. Conceptual analysis of formulations of sharangadhara in different diseases – A review

2 X 12.5 = 25 Marks

SHORT ESSAY

2. Prakshepachornas in Asava and Arishta
3. Role of kalka in Snehapaka

10 X 5 = 50 Marks

SHORT ANSWERS

4. Guggulukalpa
5. Phanitapaka
6. Khanasatva.
7. Pathyadishadangakashaya.
8. Pushpakalka
9. Mineral drugs used in tailapaka
10. Pindatailam
11. Madhushuktam
12. Apamargakshara
13. Ksharatatilam

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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

1 X 25 = 25 Marks

LONG ESSAY

1. What is the importance of Anupana in Ayurvedic formulae. Write the Anupana of Narayanachurna mentioned in Udarachikista of Ashtangahridaya

2 X 12.5 = 25 Marks

SHORT ESSAY

2. Formulation of Chandraprahavatika (Sarngdhara) with all indications and dosage
3. Dhanwantaraghritam and its indications (Ashtangahridaya)

10 X 5 = 50 Marks

SHORT ANSWERS

4. Shuktakalpana.
5. Lactic acid fermentation.
6. Indications of Sudarashanachurna.
7. Dhanyamla preparation.
8. Manasamitravataka yoga.
9. Siddha Makaradhwaja.
10. Saptamushtikayoosha.
11. Kushtakuthararasam.
12. Shadanga toya.
13. Ksheerapakavidhi.

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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

1 X 25 = 25 Marks**LONG ESSAY**

1. What is the logic of classification of Rasoushadhas

2 X 12.5 = 25 Marks**SHORT ESSAY**

2. Percentage of herbal and mineral drugs in herbomineral formulations.
3. Different techniques of Shodhana.

10 X 5 = 50 Marks**SHORT ANSWERS**

4. Organic and inorganic mercury.
5. Posology of Rasakalpas.
6. Rasoushadhees used in Cosmetics.
7. Tableting of Rasoushadhis - Merits and Demerits.
8. Anupana of Rasakalpanas
9. Indications of chandraprabhavatika
10. Rasoushadhees used in ophthalmic formulations
11. Arsenic formulations
12. Arogyavardhinivatika
13. Therapeutic indications of tuttha (copper sulphate)

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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. Drug standardization of Ayurvedic single and poly pharmaceutical formulations

2 X 12.5 = 25 Marks**SHORT ESSAY**

2. The herbomineral formulations of Sharangadharasamhita.
3. Shelf life of finished formulations - Modern packing techniques

10 X 5 = 50 Marks**SHORT ANSWERS**

4. Vasthikalpana
5. Significance of kalka in Snehapakavidhi
6. Role of particle size in Ayurvedic formulations with reference to Gulikakalpana
7. Tableting of kashayam - Merits and Demerits
8. Logic of Bhavana in Rasaoushadhies.
9. Difference between Panchavidhakashayakalpanas.
10. Ksharakalpana
11. Solubility of karpooora with reference to karpooraditaila.
12. Patrapaka or patrakalka
13. Percentage of Guggulu in Guggulupaka

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