Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - April 2008

[Max. Marks: 100]

e: 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

G ESSAY

Write the development of rasa sastra during the vedic and samitha period

2 X 12.5 = 25 Marks

RT ESSAY

Narrate the preparation and indications of ananda bhairava ras

What are the contributions of nagarjuna towards rasasastra?

10 X 5 = 50 Marks

RT ANSWERS

Loha siddhi

Vasantha kusumakara ras

Tamra parpati

Kupi pakwa rasayana

Rasatarangini

Rasa ratna samuchaya

Rasamritha

Rasarnava

Rasajalanidhi

Medieval period

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - April 2008

e: 3 Hours] [Max. Marks: 100]

RASASHASTRA

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

I ESSAY **1 X 25 = 25 Marks**

Define mankikaran (standardization)? What is the necessity of Bhaishajya Rasayana Vidnyan in respect to standardization

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

What are the standards of Abhrak Bhasma according to modern view. Write its importance in respect of modern aspects

Write the ancient and modern methods of standardization of makardhwaja

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

Namburi test of Tamra Bhasma

Colorimeter

Apunrbhava Pariksha

Dhatu Jwala Pariksha

Swarna makshik Bhasma Pariksha

Spectrophatometer

T L C

Radio isotopes

Hanspaka Yantra

Samanya Musha

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - April 2008

[Max. Marks: 100]

e: 3 Hours]

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

G ESSAY

Can you justify the use of heavy metals as internal medicines? Explain your views in these purification and incineration methods

2 X 12.5 = 25 Marks

RT ESSAY

Describe the features of muffle furnace

Illustrate various types of khalwa yantras

10 X 5 = 50 Marks

RT ANSWERS

Gandhaka druti

Vijaya parpati

Lekshmi vilasa ras

Icha bhedi ras

Bhavana

Kshara traya

Malla musha

Hinguleswara ras

Sidha makara dwaja

Thrivanga Bhasma

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - April 2008

[Max. Marks: 100]

Time: 3 Hours]

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

ONG ESSAY

1. Write the adhara bhooda sidhantha of rasashastra in detail

2 X 12.5 = 25 Marks

HORT ESSAY

2. Briefly narrate the varities of abraka and its features
3. Discuss the concept of sodhana

10 X 5 = 50 Marks

HORT ANSWERS

4. Rasa gathi
5. Silajathu
6. Harithala
7. Navasara
8. Sodhana of hingula
9. Dhanyabraka marana
10. Upa vishas
11. Moorchana
12. Satwa
13. Bandha

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - October 2008

[Max. Marks: 100]

me: 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

G ESSAY

1. Describe the development of rasa sastra during the modern period

2 X 12.5 = 25 Marks

RT ESSAY

2. Write the preparation and indications of arogyavardhini vati
3. Narrate the preparation of sidha makara dwaja

10 X 5 = 50 Marks

RT ANSWERS

4. Rajeswara darsana
5. Loha bhediras
6. Anupana
7. Malla sidhura
8. Rasakamadhenu
9. Rasamangala
10. Ayurveda prakasa
11. Rasajalanidhi
12. Yashodhara
13. Rasayogasagara

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - October 2008

[Max. Marks: 100]

e: 3 Hours]

RASASHASTRA

PAPER III

(Revised Scheme)

Q.P. CODE: 8758

K.V.G. Ayurveda Medical College & Hospital
LIBRARY
Sullia (D.K.) 574 239

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

1 X 25 = 25 Marks

G ESSAY

Define standardization. Describe modalities required for standard and quality production of kupi pakwa rasas citing one example. Present a module for validation of pharmaceutical procedures of rasa sindoor

2 X 12.5 = 25 Marks

RT ESSAY

Describe in short about standard parameters which may be applied to prepare rasa-parpati. Is any quality control needed for equipments used in preparation of parpati-kalpa

Discuss certain measures which may be applied for standard and quality production of 'Bhasma'. What may be standard parameters of good quality of loha bhasma

10 X 5 = 50 Marks

RT ANSWERS

Write down standards for shankh bhasma

Write down definition of Ayurvedic patent and proprietary formulations

Explain misbranded Ayurvedic drugs as per Drugs and Cosmetics Act, 1940

Define standards mentioned in Rule 168 of Drug and Cosmetics Rule, 1945. for ayurvedic drugs

Write in short about Ayurveidc formulary of India

Write in short about golden triangle programme of department of Ayush, Government of India

Discuss impact of paper published in journal of American Medical Association in December 2004 issue regarding toxicity of Ayurvedic drugs on export of Ayurvedic drugs

Narrate characteristic features of a druti-kalpa

Describe possible standards may be adopted in nirvapa

Write a short note on amendments made in Rule 160 of Drugs and Cosmetics Rule, 1945 regarding standard production of Ayurvedic drugs

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - October 2008

[Max. Marks: 100]

e: 3 Hours]

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

G ESSAY

Define kupi pakwa rasayan. Describe in detail about manufacturing process of makardhwaj. Discuss in detail for the reason there of to follow kramagni stage for the preparation of kupi pakwa rasa citing two examples other than makardhwaj

2 X 12.5 = 25 Marks

RT ESSAY

Write an illustrative note on the pharmaceutical technology and engineering involved in structure and function of vidyadhar yantra and patala yantra

Write a descriptive note on manufacturing processes involved in preparation of rasa parpati and panchamrita parpati

10 X 5 = 50 Marks

RT ANSWERS

Justify in short about the indications and in rasa-shala for the different manufacturing process as per different angles (vastu)

What are the compositions to prepare dravani musha and discuss its application in different rasa karma?

Discuss salient features regarding satva patan koshthi

Write about raktavarga and its uses

Define puta and draw a illustrative note on mahaputa

Draw a graphical sketch on temperature pattern of kukkuta puta and bhanda puta

Enumerate ingredients of shilajatwadi loha and Chandra prabha vati

Write a illustrative note on utility of khalva yantra

Describe all process of samputikaran

Write a short comparative note on kajjali rasa parpati and rasa sindoor

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - October 2008

Time: 3 Hours] [Max. Marks: 100]

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

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

1. Discuss the sources and qualities of parade and give brief description of the important minerals of mercury

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

2. Briefly narrate the varieties of lohas and its features

3. Discuss the concept of jarana

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

4. Dhanyabraka

5. Makshika

6. Manashila

7. Gouree pashana

8. Sodhana of silajathu

9. Kaseesa marana

10. Upa dhatus

11. Sandeepana

12. Tamra marana

13. Bhasma pareeksha

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - April 2008

[Max. Marks: 100]

e: 3 Hours]

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

G ESSAY

Write essay on 'Yogaratnakara' and its historical importance for Bhaishajya Kalpana

2 X 12.5 = 25 Marks

RT ESSAY

Development of Harbominaral preparations

History and importance of Arka-Kalpana

10 X 5 = 50 Marks

T ANSWERS

History of sandhana Kalpana

Sudhavarga

Sugar Mixed Churna

Honey

Ayasakruti

Kshara Kalpana

Shadagpaniya

Granulation Machine

Ball – Mill

Powder Mixer

Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - April 2008

e: 3 Hours] [Max. Marks: 100]

BHAISHAJYA KALPANA

BHAISHAJYA NIRMANA AND OUSHADHA 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

I ESSAY

Explain the schedule 'T' of drug and Cosmetic Act and how it is applicable in –present Era

2 X 12.5 = 25 Marks

II ESSAY

Give the detail description of new Yantras. Which are found suitable for the preparation of Churna

Give the brief introduction of Maanakeekaran of Sandhana Kalpana

10 X 5 = 50 Marks

III ANSWERS

Paribhasha

Sodhana of Herbal Drugs

Puta

Anukta Mana

Standardization of Hingvastaka Churna

Triphala Guggulu

Kharjuradi Mantha

Sneha Paka

Apamarga Kshara

Punarnavasthaka Kwatha

Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - April 2008

[Max. Marks: 100]

me: 3 Hours]

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

NG ESSAY

Bhasma Pariksha and its importance

2 X 12.5 = 25 Marks

ORT ESSAY

Ashtasamskarah of Parada

Importance of Shodhansamskara in Rasashastra

10 X 5 = 50 Marks

ORT ANSWERS

Rasamanikya

Kampillaka

Shankha Bhasma

Dhanyabhraka

Vatsanabha and its properties

Chandrakala Rasa

Hemgarbha Pottali

Bhallataka Shodhana

Parpatipaka Pariksha

Swetparpati Nirmanam

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - April 2008

me: 3 Hours] [Max. Marks: 100]

BHAISHAJYA KALPANA

BHAISHAJYA KALPANA AADHARA
BHOOTA SIDDHANTAHA – 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

NG ESSAY **1 X 25 = 25 Marks**

Aaddharbhoota Siddhanta of Bhaishajya Kalpana

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

Ayurveda Rasashala and it's Karmacharigana

Charaka Samhita and Bhaishajya Kalpana

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

Saviryatavaddhi

Ksharasutra Nirmana

Dhayati Pushpa

Bottal Sterilization section

Iodine Value

Finished Product's Store

Mansarasa

Himkalpana

Raskriya

Waluka yantra

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - October 2008

[Max. Marks: 100]

me: 3 Hours]

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

NG ESSAY

Periodic developments of Gutika – Vatika Kalpana

2 X 12.5 = 25 Marks

ORT ESSAY

Importance of Bhaishajya Ratnawali

Sandhan Patra

10 X 5 = 50 Marks

IORT ANSWERS

Tablet Polishing Pan

Bottle Filling Machine

Arka Kalpana and its importance

Waluka Yantra

Rasonkshirapaka

Capsule Filling Machine

Sandhan Prawartak Dravya

Vesawara

Agnivesh

Granulation Machine

Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - October 2008

ime: 3 Hours] [Max. Marks: 100]

BHAISHAJYA KALPANA

BHAISHAJYA NIRMANA AND OUSHADHA 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

NG ESSAY **1 X 25 = 25 Marks**

. Discuss in detail about ingredients preparation method and therapeutic properties of "Mahayogaraja Guggulu" and its standardisation

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

Chandraprabhavati

Bruhat Vatachintamani Rasa

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

Sitopaladi churnam

Triphala Ghruta

Vidhyadhara Yantra

Muktapisti

Mahamanjisthadi Kwatha

Agnitundi Vati

Gandhaka Malahara

Punarnavasava

Mrutunjaya Rasa

Lep and its types

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - October 2008

me: 3 Hours] [Max. Marks: 100]

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

NG ESSAY

Basic principles of Rasashastra with special reference to 'Shodhana' and 'Marana'

2 X 12.5 = 25 Marks

ORT ESSAY

Importance of Amrutikarana Sanskarah

Parpati kalpana

10 X 5 = 50 Marks

ORT ANSWERS

Hingulottha parade

Tamra - Bhasma pariksha

Laxmivilasrasa

Bolabaddha rasa

Karaskara Shodhana

Kampilaka Pariksha and its uses

Prawal pisti and its uses

Kupidakwa Kalpa and its Agnipramana

Sudhavarga

Uparatna and its uses

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Rajiv Gandhi University of Health Sciences

Final Year M.D. Ayurveda Degree Examination - October 2008

Time: 3 Hours] [Max. Marks: 100]

BHAISHAJYA KALPANA

BHAISHAJYA KALPANA AADHARA
BHOOTA SIDDHANTAHA – 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

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

1. Importance of Advance technology in pharmaceutical industry of Ayurveda

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

2. Samhitakala and Bhaishajya Kalpana
3. Ideal Ayurveda Rasashala

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

4. Astavarga Dravya
5. Kinwa (yeast)
6. Kwatha kalpana
7. Disintegration time
8. Sneha siddhi paka – pariksha
9. Edge runner machine
10. Rejected material store
11. Sandhana patra's
12. Alcohol determination apparatus
13. Batch manufacturing record

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