

APRIL - 2001

[KD 1320]

B.A.M.S. (Ayurvedācharya) DEGREE EXAMINATION.
(Old/New/RR)

Part II

Second Professional Course

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA — I
(RASA SHASTRA)

Time : Three hours Maximum : 100 marks

Answer in Sanskrit or English.

In writing Sanskrit, Devanagari script
alone should be used.

Answer Section A and B in
separate answer books.

SECTION A

1. Write in detail any THREE of the following :
(3 × 10 = 30)

(a) Discuss the importance of knowledge of the
history of RASA SHASTRA and differentiate RASA and
RASĀYANA.

(b) Explain the general concepts of SHODHANA
and MĀRANA and write its importance in processing
metals and minerals.

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(c) Define MOOSHA. Explain VAJRA MOOSHA and VRINTĀKA MOOSHA with their significance.

(d) Discuss about VALUKĀ YANTRA and PĀTANA YANTRA with their applied aspects.

2. Explain briefly any FOUR of the following :
(4 × 5 = 20)

(a) Describe KAPOTA PUTA and BHŪDHARA PUTA and their significance.

(b) Define and differentiate kajjali and RASAPANKA.

(c) What do you mean by PĀRADA BANDHA and PĀRADA GATI? Explain.

(d) Write the method of preparation, dosage and therapeutic uses of SWARNA PARPATI.

(e) Explain the method of preparation, dose and therapeutic uses of MAKARA DHWAJA SINDOORA.

SECTION B

3. Write in detail any THREE of the following :
(3 × 10 = 30)

(a) Write the method of preparation and therapeutic uses of ABHRAKA BHASMA.

(b) Enumerate "UPARASAS", and write the S'odhana process and therapeutic uses of "GAIRIKA" and "KĀMKSHI".

(c) Explain the method of preparation, dose and Āmayika prayoga of "SWARNA VANGA".

(d) What are the TĀMRA DOSHAS? Write the S'odhana and Mārana process of TĀMRA as per Rasa Ratna Samucchaya.

4. Explain briefly any FOUR of the following :
(4 × 5 = 20)

(a) Write the method of preparation and therapeutic uses of VANGA BHASMA.

(b) How will you prepare BHŪNĀGA SATTVA and write its significance in Rasa Shastra?

(c) Write the method of preparation and therapeutic utility of GODANTI BHASMA and SHANKHA BHASMA.

(d) Name the UPARATNAS as per Rasa Tarangini and write the shodhana process and therapeutic uses of any one Uparatna.

(e) Write the S'odhana process and any two yogas of JAYAPĀLA.

NOVEMBER - 2001

[KE 1320]

B.A.M.S. (Ayurvedacharya) DEGREE EXAMINATION.

(Old/New/Revised Regulations)

Second Professional Course

Paper III — RASASHASTRA AND BHAISHAJYA
KALPANA — I

(Rasashastra)

Time : Three hours

Maximum : 100 marks

In writing Sanskrit Devanagari script alone should be
used.

Answer in English or Sanskrit.

Answer Sections A and B separately.

SECTION A

1. Answer any THREE : (3 × 10 = 30)
- (a) Write about PARIBHASHA and its importance in RASASHASTRA, explain the terms of AVAPA, NIRVAPA and NIRUTHA.
- (b) Discuss about VIDHYADHARA YANTRA and PATANA YANTRA with their applied aspects.

(c) Define koshthi, explain PATALA KOSHTHI and SATVA PATANA KOSHTHI?

(d) Explain SODHANA, BHAVANA and MARANA?

2. Answer briefly any FOUR : (4 × 5 = 20)

(a) Define PUTA, explain GAJA PUTA.

(b) Write about PARADA DOSHAS.

(c) Explain about PARADA ASHTA SAMSKARAS.

(d) Write the method of preparation, dose and therapeutic uses of RASASINDOORA.

(e) Write the method of preparation, dosage and therapeutic uses of PANCHAMRITA PARPATI.

SECTION B

3. Answer any THREE : (3 × 10 = 30)

(a) Write the method of preparation and therapeutic uses of SWARNA MAKSHIKA BHASMA.

(b) Enumerate 'UPARASAS' and write the TALAKA SODHANA and MARANA process with therapeutic uses of its BHASMA.

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(c) Explain the method of preparation and therapeutic uses of RASAMANIKYA.

(d) Explain about DHATUS. Write in detail of varieties of LOHA and process of SADHANA MARANA of KANTA LOHA.

4. Answer briefly any FOUR : (4 × 5 = 20)

(a) Write the process of ABHRAKA BHASMA which is prepared by DHANYA ABHRAKA.

(b) Write the process of SODHANA of GANDHAKs and its Amakika proyogas.

(c) Write the process of SODHANA and MARANA of NAVARATNAS.

(d) Write the SODHANA of VATSANABHI and any two yogas of it.

(e) Write about UPAVISHAS and its SAMANYA SODHANA process.

MARCH - 2002

[KG 1320]

(आयुर्वेदाचार्यः)

B.A.M.S. (AYURVEDACHARYA) DEGREE
EXAMINATION.

Second Professional Course
(Old/New/Revised Regulations)

Part II

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA — I
(RASA SHASTRA)

Time : Three hours Maximum : 100 marks

Answer in Sanskrit or English.

In writing Sanskrit, Devanagari Script alone
should be used.

Answer Section A and B in separate answer books.

SECTION A

1. Write in detail any THREE of the following :
(3 × 10 = 30)
 - (a) Describe in detail the necessity of RASA SHASTRA in Ayurveda and its development.
 - (b) Elaborate MITRA PANCHĀ and KSHĀRA PANCHĀKA and write their significance in Rasa Shastra.

(c) Define PUTA. Explain GAJA PUTA and VARĀHA PUTA and mention any two bhasmas prepared by using these putas.

(d) Explain SWEDANA YANTRA and DAMARU YANTRA with their applied aspects.

2. Explain briefly any FOUR of the following :

(4 × 5 = 20)

(a) Define KAJJALI and write its Āmayika prayoga.

(b) What are the PARADA DOSHAS? Describe the methods used for their removal.

(c) Write the ingredients, method of preparation and Āmayika prayoga of SWETA PARPATI.

(d) Describe the PATHYA and APATHYA to be followed during the intake of RASA BHASMA.

(e) Explain MARDANA and MOORCHANA samskaras of PARADA and their significance.

SECTION B

3. Write in detail any THREE of the following :

(3 × 10 = 30)

(a) Classify SILAJITH and write its method of purification, dosage and therapeutic uses.

(b) Enumerate SĀDHĀRANA RASAS. Write the Sodhana process, dose and Āmayika prayoga of GAURI PĀSHANA and HINGULA.

(c) What are the different types of KĀNTALOHA and write the method of preparation and Āmayika prayoga of KĀNTALOHA BHASMA.

(d) Name the calcium containing RATNAS and write their Mārana process and therapeutic utility.

4. Explain briefly any FOUR of the following :

(4 × 5 = 20)

(a) Name the POOTI LOHAS as per Rasaratna Samucchaya. Write the method of preparation and uses of YAS'ADA BHASMA.

(b) Explain the method of preparation of BHUNĀGA SATTVA and its significance in Rasa Shastra.

(c) Write the PISHTI KARANA process and therapeutic uses of TRINA KĀNTA and VYOMĀSMA.

(d) Enumerate UPAVISHAS. Write the purification methods and uses of BHALLATAKA.

(e) Explain the rules and regulations for setting up of RASA SHĀLA according to the DRUG and COSMETIC act of INDIA.

SEPTEMBER - 2002

[KH 1320]

(आयुर्वेदाचार्यः)

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Part II

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA — I

Time : Three hours Maximum : 100 marks

Answer in Sanskrit or English.

In writing Sanskrit, Devanagari script alone
should be used.

Answer Section A and B in **SEPARATE** answer books.

SECTION A

1. Write any THREE of the following : (3 × 10 = 30)
 - (a) Define Yantra and Moosha and describe Dola yantra and Samanya moosha.
 - (b) Write in detail about the Ashta Sanskara Vargeekarana.
 - (c) Describe in detail about the Silajit.
 - (d) Classify Lohas, its Amrutheekarana and Amayika prayogas.

2. Explain any FOUR of the following : (4 × 5 = 20)
 - (a) Rasaparpati
 - (b) Kapottaputa
 - (c) Vaidurya
 - (d) Navayas Loha
 - (e) Brihatvatha Chintamani.

SECTION B

3. Write any THREE of the following : (3 × 10 = 30)
 - (a) Enumerate upa rasas, write in detail about Gandhaka and Haratala.
 - (b) Name the sadharana rasas, write purification methods and therapeutic use of Gouripashana and Navasara.
 - (c) Classify Ratnas, describe about manikya.
 - (d) Name the Janthava Dravyas and describe Mrigasringa and Goroohana.
4. Explain briefly any FOUR of the following : (4 × 5 = 20)
 - (a) Parada doshas
 - (b) Neelam
 - (c) Hingulam
 - (d) Rajatham
 - (e) Vatsanabhi.

APRIL - 2003

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Sub. Code : 1320

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B.A.M.S. (AYURVEDACHARYA) DEGREE
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Second Professional Course

(Old/New/Revised Regulations)

Part II

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA — I

Time : Three hours

Maximum : 100 marks

Answer in Sanskrit or English.

While writing in Sanskrit, Devanagari script alone
should be used.

Answer Section A and B in **SAME** answer book.

SECTION A

1. Write in detail any **THREE** of the following :
(3 × 10 = 30)

(a) Explain in detail the various processing
methods involved in purifying metals.

(b) Write in detail the physical and chemical tests
adopted in assessing genuine BHASMA.

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(c) Define PUTA. Describe GAJA PUTA and KUKKUTA PUTA with their applied aspects.

(d) Define KOSHTI. Write the importance of various koshtis in SATTVAPĀTANA process and explain its modern aspects.

2. Explain briefly any FOUR of the following :
(4 × 5 = 20)

- (a) PĀRADA DOSHAS.
- (b) PANCHĀMRITA PARPATI.
- (c) RASA MĀNIKYA.
- (d) ABHRAKA ŚODHANA.
- (e) AMRITTEEKARANA.

SECTION B

3. Write in detail any THREE of the following :
(3 × 10 = 30)

(a) Enumerate UPARASAS. Write the method of preparation and Āmayika prayoga of KASEESA BHASMA.

(b) Enumerate SUDDHA LOHAS. Write the method of preparation and Āmayika Prayoga of SWARNA BHASMA.

(c) Describe the therapeutic utility of GOMŪTRA ŚĪLAJIT, KĀMKSHI and HINGULA and name any two formulations of each.

(d) Name the Arsenic compounds used in Ayurveda, write their pharmaceutical processing, dose and therapeutic uses.

4. Explain briefly any FOUR of the following :
(4 × 5 = 20)

- (a) Preparation of TAMRA BHASMA.
- (b) POOTI LOHAS and their Sodhana methods.
- (c) MAKARA DHWAJA.
- (d) Sodhana of GODANTI and ŚUKTHI.
- (e) Sodhana and Āmayika prayoga of KUPILU.

OCTOBER - 2003

[KJ 1320]

Sub. Code : 1320

(आयुर्वेदाचार्यः)

B.A.M.S. (AYURVEDACHARYA) DEGREE
EXAMINATION.

Second Professional Course
(Old/New/Revised Regulations)

Part II

Paper III — RASA SHASTRA AND
BHAISHAJYA KALPANA — I

Time : Three hours Maximum : 100 marks
Two hours and forty minutes
for Sec. A and Sec. B Sec. A & Sec. B : 80 marks
Twenty minutes for Sec. C Section C : 20 marks

Answer ALL questions.

Answer Sections A and B in **SAME** Answer books.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Explain the concept of SODHANA and MARANA in Rasashastra along with the equipments used.
2. Discuss the types, sodhana process and therapeutic utility of Gandhaka and Swarna Mākshika .

SECTION B — (10 × 5 = 50 marks)

Write briefly :

1. Define Musha, write the uses of Vajra Moosha and Vrintāka Moosha.
2. Explain Swedana Yantra and its uses.
3. Elaborate Pancha Mrittika and Mitrapanchaka.
4. Describe the different types of Rasa Gati.
5. Enumerate Sadharana rasas. Write the purification method and therapeutic uses of Hingula.
6. Explain the method of preparation and therapeutic uses of TāmraBhasma.
7. Explain the method of preparation, dose and uses of Rasa Mānikya .
8. Write the method of preparation of Pravala Bhasma and its therapeutic uses.
9. Name the Nava ratnas with their relation to Grahas.
10. Explain the method of purification of Vatsanabhi and name any two yogas containing Vatsanābhi .

APRIL - 2004

[KK 1320]

Sub. Code : 1320

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EXAMINATION.

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Part II

Paper III — RASA SHAstra AND BHAISHAJYA
KALPANA - I

Time : Three hours Maximum : 100 marks
Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes
M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Answer Sections A and B in the SAME Answer books.

SECTION A — (2 × 15 = 30 marks)

Each question carry 15 marks :

1. Explain the Ashta Samskaras of Parada in detail.
2. Name the Suddha lohas. Write the types, Sodhana, Mārana and Therapeutic utility of Loha.

SECTION B — (10 × 5 = 50 marks)

Write brief notes on :

3. Define Bhāvana and Nirvapa.
4. Define Puta, write its significance in Rasa Shastra.
5. Write a brief notes on Parada doshas.
6. Describe the method of preparation and uses of Rasa parpati.
7. Explain the process of Dhanyabhraka.
8. Classify Silajit. Write the identification method of Suddha Silajit, its dose and therapeutic uses.
9. Name the Jāngama dravyas used in Rasa Shastra with a special reference to Mrigasringa. (MRIGA SRINGA)
10. Explain the Rasashāla Nirmāna Vidhi as per Rasa Vagbhata.
11. Write the Sodhana process and therapeutic uses of MUKTA.
12. Describe the purification process and therapeutic utility of KUPILU.

FEBRUARY - 2005

[KM 1320]

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EXAMINATION.

Second Professional Course

(Old/New/Revised Regulations)

Part II

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA — I

Time : Three hours

Maximum : 100 marks

Sec. A & B : Two hours and
forty minutes

Sec. A & B : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Answer Sections A and B in the SAME Answer Book.

SECTION A — (2 × 15 = 30 marks)

Write an essay on :

1. Name the Uparasas, write the types, method of purification and therapeutic utility of GANDHAKA.
2. Classify LOHA VARGA, write the methods of preparing SWARNA-BHASMA and RAJATA BHASMA with their dose and therapeutic uses.

SECTION B — (10 × 5 = 50 marks)

Write short notes on :

3. Elaborate "MITRA PANCHAKA" and "KSHÀRA PANCHAKA".
4. Describe the methods of testing a genuine BHASMA.
5. Define MOOSHA. Write about VRINTÀKA MOOSHA and its uses.
6. Explain the PÀTANA SAMSKÀRA of PARADA in detail and its significance.
7. Explain the method of preparation of TÂMRA PARPATI and its uses.
8. Classify VAIKRANTA and Write its Sôdhana process.
9. What are Pootilohas? Write the method of preparing YASADA-BHASMA and its therapeutic uses.
10. Write the method of preparation of Godanti Bhasma and its therapeutic uses.
11. Describe the purificatory process of BHALLATAKA and write its therapeutic utility.
12. Write briefly about SIKATA VARGA DRAVYAS.

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AUGUST - 2005

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Sub. Code : 1320

(अभुर्वेदाचार्यः)

B.A.M.S. (AYURVEDACHARYA) DEGREE
EXAMINATION

Second Professional Course

(Old/New/Revised Regulations)

Part II

Paper III — RASA SHAstra AND BHAI SHAJYA
KALPANA — I

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Essay type questions: (2 × 15 = 30)

1. Describe Ashta samskaras (अष्टसंस्कारः) of Pārada in detail.
2. What are Uparasas (उपरसाः)? Explain about Haritala (हरितालः) in detail.

II. Write short note on : (10 × 5 = 50)

1. Describe the preparation of sweta panpati. What are its uses?
2. What are Ratna gunas and doshas (रत्न गुणाः, दोषाः)?
3. Describe Vaaluka yantra (वालुका यन्त्र).
4. Explain the preparation of laghusutasekhara rasa (लघुसूतशेखर रस).
5. What is Dravaka gana (द्रावक गणः)?
6. Explain amruteckarana (अमृतीकरण) with suitable examples.
7. What are the naisargika doshas (नैसर्गिक दोषाः)?
8. Write in brief the development of the science of Rasa Sastra.
9. Explain kukkutaputa.
10. Describe the method of preparing rasa pisti.

FEBRUARY 2007

[KQ 1320]

Sub. Code : 1320

(आयुर्वेदाचार्यः)

B.A.M.S. (AYURVEDACHARYA) DEGREE
EXAMINATION.

Second Professional Course

(Old/New/Revised Regulations)

Part II

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA — I

Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay :

1. Describe Asta Samskaras of Pārada in detail. (20)
2. Puta Nirukti how and why they are classified? Mention names and describe Gaja puta, Barāha puta and Kapota puta with example. (15)
3. What are Ratnas? Write Sodhana, Marana and Upayoga of any three. (15)

II. Short notes :

(6 × 5 = 30)

1. Describe the preparation of Sweta parpati. What are its uses?
2. Explain the preparation and uses of Raghusatasekhara rasa.
3. Explain amruteekarana with suitable examples.
4. Describe the method of preparation of rasa pisti and rasa pankā.
5. Describe Sodhana, Marana and uses of Haritala.
6. Write about Bhasma parikshya.

AUGUST 2007

[KR 1320]

Sub. Code : 1320

(आयुर्वेदाचार्यः)

B.A.M.S. (AYURVEDACHARYA) DEGREE
EXAMINATION.

Second Professional Course
(Old/New/Revised Regulations)

Part II

Paper III — RASA SHASTRA AND BHAI SHAJYA
KALPANA — I

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

1. State the importance of Paribhasha in Rasashastra.
Write the difference between Rasapanka-Rasapisti and
Abapa-Nirbapa.

2. Name the Suddha Lohas. Write the types
sodhana, marana, and therapeutic utility of Loha.

II. Short notes : (10 × 5 = 50)

1. Explain Bhasma Paneeksha Vidhi.
2. Explain Dolayantra with diagram.
3. Describe Musha nirmana vidhi and its use.
4. Explain Kukkuta puta.
5. Explain Angara Kosthi.
6. What are the Kanchuka doshas of parada?
7. What are uparasas? Write sodhana of Gandhak
and its uses.
8. Write about Bhoonagasatwa.
9. Write about Ratnoparatnas and their utility.
10. Write short note on godanti.

FEBRUARY 2008

[KS 1320]

Sub. Code : 1320

(आयुर्वेदाचार्यः)

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Part II

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA — I

Q.P. Code : 641320

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer either in English or Sanskrit.

Answer ALL questions.

I. Long Essay on : (2 × 15 = 30)

1. Write the definition of yantra and explain about
Dola yantra (डोल यन्त्र) and Kacchapa yantra (कच्छप यन्त्र).

2. Write in detail about "Asta Vidha Samskara" of
Parada.

II. Short notes on : (10 × 5 = 50)

1. Kamkustha.

2. What is Kajjali (कज्जलि) write its uses.

3. Describe about Amruthee Karana (अमृती करण).

4. Describe the Ratna (रत्नाः) and its dhosa (दोषाः).

5. Explain the purification of Vanga (वङ्ग शोधन).

6. Write about Marana, Anupana and Matra of
Shanka. (मारण, अनुपान and मात्र of शंख).

7. Write about the indications of Kaseesa and its
Vishista Yoga (कासीसस्य आमयक प्रयोग विशिष्ट योगश्च).

8. Write about Agnijara (अग्नि जार).

9. Write preparation of Mugda Rasa and uses
(मुग्ध रस कल्पना विधिः and आमयिक प्रयोग).

10. Write about (रस माणिक्य) Rasa Manikya.

August 2008

[KT 1320]

Sub. Code : 1320

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Part II

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA — I

Q.P. Code : 641320

Time : Three hours

Maximum : 100 marks

Answer either in English or Sanskrit.

Answer ALL questions.

I. Essay : (2 × 15 = 30)

1. Discuss the concept of Shodhana. Mention various procedures applied for Shodhana process along with their objectives.

2. Give a brief description of physical properties of Rajatha also Shodhana and Marana according to Rasamritha.

August 2008

II. Short notes : (10 × 5 = 50)

1. "Lohaanam Maranam Sreshtam". Explain.
2. Panchabhutaatmaka Pareekshana of Ayurvedic drugs.
3. Different metals mentioned in Vedic literature.
4. Origin and present status of use of metals in Internal medicine.
5. Differentiate Kajjali, Parpati and Rasa Sindura.
6. Mention the controversies about Chapala and Rasaka.
7. Ayurvedic Formulary of India.
8. Differentiate Dola Yantra and Swedani Yantra with diagram.
9. Importance of Kramagni and Swaangashita.
10. Substances which can be used after Shodhana without Marana — Mention and explain.

III. Short Answers : (10 × 2 = 20)

1. Purpose of Dhanyabhraka.
2. Pinjari.

3. Importance of Amruteekarana.

4. Identifying features of Swarnamaakshika.

5. Shankha Drava.

6. Mention the iron compounds used in Rasa Shastra.

7. Name of Arsenic compounds and their uses.

8. Define Khalwee Rasaushadhi and mention any one.

9. Define Murchana.

10. Rasa Pushpa.

FEBRUARY - 2009

[KU 1320]

Sub. Code : 1320

(आयुर्वेदाचार्यः)

B.A.M.S. (AYURVEDACHARYA) DEGREE
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Part II

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA – I

Q.P. Code : 641320

Time : Three hours

Maximum : 100 marks

Answer either in English or Sanskrit.

Answer ALL questions.

- I. Essay : (2 × 15 = 30)
1. A critical evaluation of the book RASARATNA SAMUCHAYA with reference to the following points – its author, period, commentaries, chapters, subjects covered, characteristics, importance in present context.

2. Explain the importance of ASHTA SAMSKARAS of PARADA. Write the first four with reference to meaning, ingredients, process and Samskara phala.

II. Short notes : (10 × 5 = 50)

1. Importance of knowledge of Paribhaasha with two-examples.
2. Compare between ancient Rasa sala and modern – ayurvedic pharmacy.
3. Write the characteristics of flame of metals during extraction of sattwa.
4. Mention in detail the different types of Lavana (based on its origin/source) and its specific properties.
5. Explain the controversy about the source of Ahipena, its genuine characters, its purification and utility in Parada Samskaras.
6. Describe three kalpas used to treat Amlapitta with reasoning.
7. 'VISHAM NA VISHAMITYAHUH, TAMRAM TU VISHAMUCHYATE'. Explain.
8. Write the general manufacturing method of POTTALI KALPANA.

9. Scientific evaluation of VALUKA YANTRA.

10. PRAVALA BHASMA and PISHTI.

III. Write short answers : (10 × 2 = 20)

1. Mention the relative merits of SATTWA and DRUTI.
2. Mention the 'VIT' (stools) used for DHAATU SHODHANA and MARANA.
3. Mention 'APUNARJANMAKA VARGA'.
4. PARADA GATHI.
5. Types of ANJANA.
6. Difference between NIRWAPA AND DHALANA.
7. MADANA MUDRA.
8. TAMRA BHASMA PAREEKSHA.
9. Enumerate NAVARATNAS with CHEMICAL FORMULA.
10. Indications of HEERAKA BHASMA.

August - 2009

[KV 1320]

Sub. Code : 1320

(आयुर्वेदाचार्यः)

B.A.M.S. (AYURVEDACHARYA) DEGREE
EXAMINATION.

Second Professional Course

(Revised Regulations)

Part II

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA — I

Q.P. Code : 641320

Time : Three hours

Maximum : 100 marks

Answer either in English or Sanskrit.

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

1. Define Puta (पुट). Write in detail about them.

2. Write the different classification of Metals (धातु वर्ग)
their chemical name, Flame test, General sodhana and
Marana.

August - 2009

II. Short notes : (10 × 5 = 50)

1. Explain the process of Dhanyabhraka and its importance.
2. Define "Musa" (मूषा) and write about "Gosthana Musa"(गोस्तन)
3. Describe the type of parada.(पारद)
4. What is रस बन्ध and explain kajjali bandha?
5. Describe "Rasa Karpura"(रस कर्पूर)
6. Mention the controversies of Silajathu (शिलगतु), its purification and uses.
7. Structure, purification and Matra for "Vaikranta"(वैक्रान्त)
8. General purification for "Sadarana Rasa"(साधारण रस)
9. Purification of Tankana (टंकण) and its therapeutic uses.
10. Classification of Gems (रत्नाः) and write about their (दोषाः) doshas.

III. Short answers : (10 × 2 = 20)

1. Types of "Abraka"(अभ्रक)
2. Purification of "Vimala"(विमल)
3. Therapeutic properties of "Navasarada"(नवासरद)
4. Types and important formula of Hingula (हिंगुल)
5. Preparation of "Choornodbaka"(चूर्णोदक)
6. Satwa pratana of Tutta (तुत्थ सत्वपातन)
7. "Mudga Rasa"(मुग्ध रस)
8. Rajatha marana (रजत मारण)
9. Godanti Amayaka proyoga (गोदन्ति आमयिक प्रयोग)
10. Write the names of "UpaRatna"(उपरत्नाः) and their chemical names.

February 2010

[KW 1320]

Sub. Code : 1320

(आयुर्वेदाचार्यः)

B.A.M.S. (AYURVEDACHARYA) DEGREE
EXAMINATION.

Second Professional Course

(Revised Regulations)

Part II

Paper III — RASA SHASTRA AND BHAISHAJYA
KALPANA – I

Q.P. Code : 641320

Time : Three hours

Maximum : 100 marks

- I. Essay : (2 × 15 = 30)
1. Define the term 'Yantra' and types, and elaborate Dolayantra, Damaru yantra, Vidhyādhara yantra.
 2. What are Visās and Upavisās? Explain their sodana karma and their therapeutic actions.

February 2010

II. Short notes : (10 × 5 = 50)

1. Parada dosas and write the processing methods adopted for their removal.
2. Define Puta and its significance. Describe Gajaputa and Kukuta Puta.
3. Define Amriteekarana and its significance in processing Loha and Tāmra .
4. Elaborate the following :
 - (a) Dhālana
 - (b) Rudra bhāga
 - (c) Dhanvantri bhāga
 - (d) Āvapa .
5. Write about Rasa darsanas and Rasa Sāstra Ithihāsa .
6. Relation between Navaratnas and Grahas.
7. Kaseesa bhasma.
8. Describe the uparatnas and sodana of Vajra.
9. Write the names of five preparations containing abraka bhasma.
10. Silajith.

III. Short Answers : (10 × 2 = 20)

1. Swarna parpati.
2. Makaradwaja.
3. Rasa pankā.
4. Uparasas.
5. Pancha gavyam.
6. Gowri phāsanam .
7. Tamra dosās .
8. Sudhā vargas.
9. Angāra Kosti.
10. Asta Samskāras of pārada .

August 2010

[KX 1320]

Sub. Code : 1320

(आयुर्वेदाचार्यः)

B.A.M.S. (AYURVEDACHARYA) DEGREE
EXAMINATION.

Second Professional Course

(Revised Regulation Pattern 3, 5 and
Re-Revised Regulations)

Part II

RASA SHASTRA AND BHAISHAJYA KALPANA — I

Q.P. Code : 641320

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Long Essay : (2 × 15 = 30)
1. Parada synonymns, Ashtadasha samskaras, Ashta samskaras and write in detail about Sredana, Uttapan, पातन (Patana) and Rodana.
2. Write Dhatu Bhedas. लोह (Loha) Vargikarana shodana of Tamra Yasadabhasma gunas and Kamsya Bhasma Nirmana.

August 2010

II. Short notes : (10 × 5 = 50)

1. Explain Patala Koshti and Satvapatana Koshti.
2. Kachapa Yantra and Damaru Yantra.
3. Explain the purification process of Vatsanabha.
4. Pancha Gavya and Mutra Ashtaka.
5. Ghandaka shodanam and its gunas.
6. Relation between Nava Ratnas and Grahas.
7. Godanti bhasma and Vaikranta bhasma.
8. Hingula Sodhana and its uses.
9. Tribhuvana Keerti Ras.
10. Haritala sodhana and its yogas.

III. Short Answers : (10 × 2 = 20)

1. Differentiate Nirvapana and Nirvapa.
2. Dinjari.
3. Indications of Arogyavardhini vati
4. Apunarbhava.
5. Write the chemical name and formula for Kankshi, Tankana, Abhraka and Kaseesa.
6. Write the Samanya Shodhana of Sadharana Rasa.
7. Define Musha.

8. Specific test for haritala Bhasma and Abhraka Bhasma.
 9. Properties of Kanta Loga.
 10. Sikatha Varga.
-

February 2011

[KY 1320]

Sub. Code : 1320

(आयुर्वेदाचार्यः)

B.A.M.S. (AYURVEDACHARYA) DEGREE EXAMINATION.

Second Professional Course

(Revised Regulation Pattern 3,5 and
Re-Revised Regulations)

Part II

RASA SHASTRA AND BHAISHAJYA KALPANA — I

Q.P. Code : 641320

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

- I. Long Essay : (2 × 15 = 30)
1. Describe Ashta samskaras in detail.
 2. Enumerate Arsenic containing compounds in rasashastra and explain any two in detail.
- II. Short notes : (10 × 5 = 50)
1. Controversies of Shilajathu.
 2. Explain the method of preparation, dose and \bar{A} mayika prayoga of rasa pushpa.
 3. Write the vishesha shodhana of rajatha and its anyone marana procedure as per rasa ratna samucchaya.
 4. Write the importance of nature of putas in marana of swarna makshika.
 5. Differentiate the marana procedures of tuttha and kaseesa marana.
 6. Enumerate the karmas of each sadharana rasa in relation with paradha karmas.
 7. Write the preparation of somnathi tamra bhasma.
 8. Write the samanya shodhana of each ratnas.
 9. Write the marana procedures and therapeutical differences of srunga bhasma and kausheyashma bhasma.
 10. Enumerate sadharana rasas and purification of Gouripāshana and hingula.

February 2011

III. Short answers :

(10 × 2 = 20)

1. Define yantra.
 2. Write the effect of kshara, amla etc., dravyas used in rasashatra.
 3. Gandhaka drug.
 4. Agni Java.
 5. Samanya shodhana of dhatus.
 6. Dhanya Braka.
 7. Grahya lakshanas of manashila as per rasa ratna samucchaya.
 8. Write the iron compounds in rasashastra.
 9. Ananda bhairava rasa.
 10. Dravaka guna.
-

February 2012

[LA 1320]

Sub. Code: 1320

**B.A.M.S. (AYURVEDACHARYA) DEGREE EXAMINATION.
SECOND PROFESSIONAL COURSE
PAPER-VII RASASHASTRA AND BHAISHAJYAKALPANA-PAPER I
Q.P. Code: 641320**

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on: (2X15=30)

1. Define Yantra. Explain the yantra used for the extractions of Parada from Hingula and the yautra used for the swedana of parada.
2. Mention the copper containing compounds in Rasashastra and explain the Shodhana and Marana of Tamra in detail along with amruteekarana.

II. Write notes on: (10x5=50)

1. Kupipakwa Rasayana with respect to kramagni.
2. Short notes on Parpati kalpana
3. Explain Samanya shodhana of parade.
4. Bhavana, Dhalana, Druti, Dhanvantari bhaga and nirvapa
5. Define Musha and explain Samanya musha and Vajra musha.
6. Name the uparasa and mention their chemical name and formula along with their English name.
7. Define Jarana and explain the necessity and preparation of Vanga jarana.
8. Write the ingredients, dose and anupana of Hinguleshwara rasa
9. Write about Drug and Cosmetic Act.
10. Explain the formation of Pravala, its types and preparation of pravala pishti.

III. Short Answers (10x2=20)

1. Dhanyabhraka and its importance.
2. Toyamrittika and Vahnimrittika
3. Varieties of Loha (iron)
4. Write the Parada gatis in short.
5. Name the Uparatnas.
6. Dravaka gana
7. Define Rasa-Rasayana
8. Write only the ingredients and bhavana dravya of Tribhuvanakirti rasa
9. Types of Manashila and Haratala and their superiority
10. Dose, antidote and 2 vishishta yogas of Vatsanabha.

[LB 1320]

Sub. Code: 1320

**SECOND PROFESSIONAL B.A.M.S. DEGREE EXAM - AUGUST 2012
PAPER VII – RASA SHAASTRA BHAI SAJYA KALPANA - I**

Q.P. Code: 641320

Time: 180 Minutes

Maximum: 100 marks

Answer ALL questions

i. Elaborate on:

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Define PARPATI. Describe the General Preparation of Parpati and write the ingredients, manufacturing procedure of PANCHAMRITA PARPATI.	16	25	15
2. Enumerate the VISHA and UPAVISHA drugs and write the SHODHANA of KARASKAR along with its uses.	16	25	15

ii. Short notes on:

1. The KHALVA YANTRA.	3	8	5
2. What are the Ideal qualities of DIAMOND.	3	8	5
3. Explain BHODHAN SAMSKARA and its UTILITY.	3	8	5
4. What is AMRITIKARAN? Write the amritikaran process of TAMRA.	3	8	5
5. Differentiate the RASA KARPURA from RASAPUSHPA from classical and modern point of view.	3	8	5
6. Write the PROPERTIES OF DIFFERENT VARIETIES OF ABHRAK and explain any one of the SHODHAN PROCESS of ideal variety of mica.	3	8	5
7. Write the various METHODS to be adopted in SHODHAN PROCESS citing EXAMPLES to each method.	3	8	5
8. What is the SOURCE OF KAMPILLAK? Write the IDEAL CHARACTERS and how it (KAMPILLAK) IS TO BE PURIFIED?	3	8	5
9. Write the GENERAL Purification procedures of MERCURY.	3	8	5
10. Define Bhavana citing various references.	3	8	5

iii. Short Answers on:

1. Enumerate DRAVAK GANA.	1	5	2
2. Enumerate KSHEERA TRAYA.	1	5	2
3. Define DHALAN.	1	5	2
4. KAPOTA PUTA.	1	5	2
5. Samanya RATNA DOSHA.	1	5	2
6. Preparation of MUGDHA RASA.	1	5	2
7. TRIBHUVANKIRTI RASA.	1	5	2
8. VIDHYA ADHARA YANTRA.	1	5	2
9. Enumerate SUDHAVARGA DRAVYAS.	1	5	2
10. GODANTI.	1	5	2

[LC 1320]

Sub. Code: 1320

**SECOND PROFESSIONAL B.A.M.S. DEGREE EXAM - FEBRUARY 2013
PAPER I – RASA SHAASTRA AND BHAIJAYA KALPANA - I**

Q.P. Code: 641320

Time: Three hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

2 X 15 = 30

1. Comment on the text “ Rasa Ratna Samucchaya ” and its author.
2. Explain in detail the preparation of Makaradhwaja along with its dose, Anupana, its indication and mention the other names for Makaradhwaja.

II. Write notes on:

10 X 5 = 50

1. Define Yantra and explain Urdhwapatana Yantra.
2. Explain Angara koshti.
3. Explain the criteria's for Bhasma pareeksha.
4. Explain the Mahaputa and Gajaputa.
5. Explain the doshas of parada.
6. Write the names of uparasas and explain the preparation of Gandhaka Shodhana.
7. Name the Sudha vargas based on the origin and explain the preparation of Shanka Bhasma.
8. Write the Ratna doshas, its samanya shodhana and marana.
9. Arogyavardhini vati – its ingredients, dose, Anupana and indications.
10. Explain the preparation of Shweta parpati, its dose and indication.

III. Short Answers on:

10 X 2 = 20

1. Define Kajjai bandha.
2. Define Avapa and Nirvapa.
3. Write panchamrittika and panchamrita.
4. Samanya musha.
5. Measurements of Kukkuta puta and Kapota puta.
6. Define Rasa and Parada.
7. Laghu Suta Sekhara Ras.
8. Classify Dhatus or Lohas.
9. Define Shodhana and Marana.
10. Write the chemical name and formula for the following:
 1. Swarna makshika. 2. Tankana.

[LD 1320]

AUGUST 2013

SUB CODE: 1320

**SECOND PROFESSIONAL B.A.M.S DEGREE EXAM
PAPER VII – RASA SHAASTRA BHAI SAJYA KALPANA - I**

Q.P. Code : 641320

Time : Three Hours

Maximum : 100 Marks

ANSWER ALL QUESTIONS

I. Essay Questions

(2X15 = 30)

1. Explain in detail the preparation of Makaradhwaja along with its dose, Anupana, its indication and mention the other names for Makaradhwaja.
2. Define Yantra. Explain the yantra used for the extractions of parada from Hingula and the yantra used for the swedana of parada.

II. Short Notes

(10X5 = 50)

1. Explain valuka puta with example.
2. Explain Rasashala.
3. Explain Amrutheekarana and Lohitakarana with reference to abhraka bhasma.
4. Explain Khalwa yantra with its types.
5. Write the ingredients of Anandabhairava rasa, its dose, anupana and indication.
6. Explain Angara koshti.
7. Write the Ratna doshas, its samanya shodhana and marana.
8. Short notes on Parpati kalpana.
9. Define Jarana and explain the necessity and preparation of Vanga jarana.
10. Explain the formation of Pravala, its types and preparation of pravala pishti.

III. Short Answers

(10X2 = 20)

1. Varieties of Abhraka.
2. Types of Gairika and its shodhana.
3. Name the arsenic compounds in Rasashastra and write their chemical names.
4. Name the puti lohas and write their chemical name and symbol.
5. Define Kajjai bandha.
6. Define Avapa and Nirvapa.
7. Samanya musha.
8. Laghu Suta Sekhara Ras.
9. Write the Parada gatis in short.
10. Name the Uparatnas.

[LE 1320]

FEBRUARY 2014

SUB CODE: 1320

**SECOND PROFESSIONAL B.A.M.S DEGREE EXAM
PAPER VII – RASA SHAASTRA BHAI SAJYA KALPANA - I**

Q.P. Code : 641320

Time : Three Hours

Maximum : 100 Marks

ANSWER ALL QUESTIONS

- I. Essay Questions (2X15 = 30)**
1. Classify Dhatus. Explain the preparation of Somnathi tamra bhasma and write its dose and indication. Also write the qualities of Ashuddha tamra.
 2. Explain 'puta' under definition, significance and classification with suitable examples.
- II. Short Notes (10X5 = 50)**
1. Define Murchana and explain Murchanaa of parada with example.
 2. Explain valuka puta with example.
 3. Explain Rasashala.
 4. Explain the criterias for Bhasma pareeksha.
 5. Explain the Mahaputa and Gajaputa.
 6. Explain the doshas of parada.
 7. Write the names of uparasas and explain the preparation of Gandhaka Shodhana.
 8. Short notes on bhavana, Dhalana, Druti, Dhanvantari bhaga and nirvapa.
 9. Define Musha and explain Samanya musha and Vajra musha.
 10. Define Jarana and explain the necessity and preparation of Vanga jarana.
- III. Short Answers (10X2 = 20)**
1. Rekhapurna and varitara.
 2. Dravakagana and Mitrapanchaka
 3. What is the relationship between Navaratnas and Grahas?
 4. Name the arsenic compounds in Rasashastra and write their chemical name.
 5. Define Kajjai bandha.
 6. Samanya musha.
 7. Laghu Suta Sekhara Ras.
 8. Classify Dhatus.
 9. Define Shodhana and Marana.
 10. Dhanyabhraka and its importance.

[LF 1320]

AUGUST 2014

Sub Code: 1320

**SECOND PROFESSIONAL B.A.M.S DEGREE EXAMINATION
PAPER VII – RASA SHAASTRA BHAI SAJYA KALPANA - I**

Q.P. Code : 641320

Time : Three Hours

Maximum : 100 Marks

Answer All Questions

I. Essay Questions:

(2 x 15 = 30)

1. Enumerate the samskaras of parada. Explain in detail ashta samskaras of parada.
2. Mention the copper containing compounds in Rasashastra and explain the Shodhana and Marana of Tamra in detail along with amruteekarana.

II. Short Notes:

(10 x 5 = 50)

1. Define Murchana and explain Murchanaa of parada with example.
2. Explain valuka puta with example.
3. Explain Rasashala.
4. Write the names of uparasas and explain the preparation of Gandhaka Shodhana.
5. Name the Sudha vargas based on the origin and explain the preparation of Shanka Bhasma.
6. Write the Ratna doshas, its samanya shodhana and marana.
7. Arogyavardhini vati – its ingredients, dose, anupana and indications.
8. Explain the preparation of Shweta parpati, its dose and indication.
9. Write about Drug and Cosmetic Act.
10. Explain the formation of Pravala, its types and preparation of pravala pishti.

III. Short Answers:

(10 x 2 = 20)

1. Write the importance of Rasaushadhi.
2. Rekhapurna and varitara.
3. Dravakagana and Mitrapanchaka.
4. Define puta and koshti.
5. Characteristics of grahya and agrahya parada.
6. Laghu Suta Sekhara Ras.
7. Classify Dhatus and Lohas.
8. Define Shodhana and Marana.
9. Write the chemical name and formula for the following
i) Swarna makshika. ii) Tankana
10. Dose, antidote and two vishishta yogas of Vatsanabha.

SECOND PROFESSIONAL B.A.M.S. DEGREE EXAMINATION**PAPER VII – RASA SHAASTRA BHAIJYA KALPANA - I***Q.P. Code : 641320***Time: Three Hours****Maximum : 100 Marks****Answer All questions****I. Essay Questions:****(2 x 15 = 30)**

1. Explain Ashtadasha samskaras in detail.
2. Discuss the concept of shodana. Mention various procedures applied for shodhana process along with their objectives.

II. Write Notes on:**(10 x 5 = 50)**

1. “Lohaanaam Maaranam sreshtam”..... Explain.
2. Differentiate Kajjali, Parpati and Rasasindura.
3. Importance of Kramagni and Swangasheeta.
4. Substances which can be used after shodhana without marana – mention and explain.
5. Describe the Ratna and its Doshas.
6. Describe about Amrutheekarana and lohiteekarana.
7. Write about Maarana, Anupana, Matra and Vishista yoga of Shankha.
8. Differentiate Jaarana and Murchanaa.
9. Preparation of Anandha Bhairava rasa, its dose, anupana, indication.
10. Describe Rasa Karpura.

III. Short Answers on:**(10 x 2 = 20)**

1. Preparation of Churnodhaka.
2. Write the names of Maharasas and their chemical name.
3. Ingredients of Shwetaparpati, with its proportion and indication.
4. Dravaka gana and Mitrapanchaka.
5. Druti lakshanas.
6. Kajjali and Pishti.
7. Doshas of Parada.
8. Classification of Dhatus.
9. Write about kapota puta.
10. Grahya Agrahyatha of Abhraka.

SECOND PROFESSIONAL B.A.M.S. DEGREE EXAMINATION**PAPER VII – RASA SHAASTRA BHAI SAJYA KALPANA - I***Q.P. Code: 641320***Time : Three Hours****Maximum : 100 marks****Answer ALL questions****I. Essay Questions:****(2 x 15 = 30)**

1. Explain the Preparation of Rasasindura in detail along with its indication, dose, Anupana and Amayika Prayogas.
2. Classify Maharasas. Explain abhraka bhasma nirmana in detail and the necessity of Amruteekarana and lohiteekarana.

II. Write notes on:**(10 x 5 = 50)**

1. Write in short about muffle furnace and its modified form for the preparation of kupipakwa rasayanas.
2. Explain vanga jarana and the necessity of doing it.
3. Explain Nirgandha parpati.
4. Write the method of preparation and therapeutic utility of Sankha bhasma and Godanti bhasma.
5. Explain the method of preparation, dosage and uses of Rasamanikya.
6. Name the Navaratnas and dhatus and their relation to Grahas.
7. Write about the different types of parada gati and explain it.
8. Explain – Rasashala.
9. Enumerate Sadharana rasas and explain the Hingulakrishta parada with its respective instrument.
10. Explain – Arogyavardhini vati – Ingredients, dose, Anupana and Indication.

III. Short answers on:**(10 x 2 = 20)**

1. Define shodhana and Bhavana.
2. Write the Classification of Loha dhatu.
3. Difference between swedana yantra and Dolayantra.
4. Proportion of metals in mishra lohas mentioned in Rasaratna samucchaya.
5. Antidote, dose, Vishista yoga of vatsanabha.
6. Write Mitra panchaka and Pancha mrittika.
7. Define Musha and its Aapyayana.
8. Definition of Parada and Importance of Rasaushadhi.
9. Define Bandha and write any four names of it.
10. Bhavana dravya and indication of Tribhuvana keerthi Rasa.

[LI 1320]

FEBRUARY 2016

Sub. Code: 1320

SECOND PROFESSIONAL B.A.M.S. DEGREE EXAMINATION

PAPER VII – RASA SHAASTRA BHAI SAJYA KALPANA - I

Q.P. Code : 641320

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain Puta and its types; write its Significance with Suitable Example.
2. Define Marana and explain Bhasma Pareeksha with practical procedures.

II. Write Notes on:

(10 x 5 = 50)

1. Define Tamra Dosha and its Shodana.
2. Explain Ratna and Uparatna with its relation to Graha.
3. Samanya and Vishesha Dosha Shodana of Parada.
4. Explain Satwa patana and Druti.
5. Explain Arsenic compounds with its Shodana procedure.
6. Abhraka Bheda and its Samanya Shodana.
7. Explain Ashta Samskara of Parada.
8. Write Uparasa Varga, explain Gandhaka Shodana.
9. Define Jaarana and Murchana.
10. Explain Panchamrutha Parpati.

III. Short Answers on:

(10 x 2 = 20)

1. Rasa Oushadha Prashamsha.
2. Mugdha Rasa.
3. Vidhyadara Yantra.
4. Kumbha Puta.
5. Musala Musha.
6. Amrutheekarana.
7. Dhanwanthari Bhaga.
8. Hinguleshwara Rasa.
9. Rasa Panka.
10. Mitra Panchaka.
