

APRIL 1993

[RS 622]

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

First Year

(First Professional Course)

Part II

Paper III -- KRIYA SHAREER -- I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Define 'Shareera' and 'Kriya'. Explain how the knowledge of Shareera kriya helps in 'Chikitsa'. (10)
2. How does the gaseous diffusion take place in the lungs? (8)
3. Write about the location, divisions and functions of Vātadosha. (10)
4. Describe the structure of the Heart and what you understand about 'the lesser circulation' and 'the greater circulation'? (10)
5. Write short notes on : (4 × 3 = 12)
 - (a) Vātavidhi Kāranās.
 - (b) Avalambaka Shlesma.
 - (c) Alveolus.
 - (d) Valves in the heart.

SECTION B

6. Write about the digestive functions of Liver. (7)
7. Explain the Āhara Parināmakara Bhāvas. (7)
8. Write about the Kedarakulyanyaya of Dhātuparināma. (10)
9. Narrate the Fat metabolism. (10)
10. Write short notes on : (4 × 4 = 16)
 - (a) Pāchaka pitta.
 - (b) Taste buds on the tongue.
 - (c) Tabulate the relationship of Panchamahabhūtas to Tridoshās and Saptadhātus.
 - (d) Peristaltic movements in the Gastro-Intestinal tract.

[PR 248]

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

First Year

(First Professional Course)

Part II

Paper III — KRIYA SHAREER — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Narrate the divisions, locations and functions of Pitta dosha. (10)
2. Describe the Svāsa-prasvāsa parampara according to Ayurveda. (8)
3. Write in detail about the Cardiac cycle. (10)
4. What is an Upadhātu? Give the names of dhatus and concerned Upadhātus. (10)
5. Write short notes on : (4 × 3 = 12)
 - (a) Location and functions of Udānavata.
 - (b) Vātavidhi lakshanas.
 - (c) Respiratory volumes and Capacities.
 - (d) Vāgutpathi (speech production).

[PR 248]

SECTION B

6. Write about the Hepatic circulation with help of a diagram. (10)
7. Give a brief note of Mrudu, Madhya and Krura koshtas. (7)
8. What are the secretions from the stomach and how they help in digesting the food? (10)
9. Pāchaka pittam — its location and role in digestion. (7)
10. Write short notes on : (4 × 4 = 16)
 - (a) Parotid gland's secretion and its function.
 - (b) Role of secretions from the exocrinal part of the pancreas in digestion.
 - (c) Composition of the Fecal material.
 - (d) Kshiradadhi nyaya.

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[VM379]

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

First Year

(First Professional Course)

Part II

Paper III — KRIYA SHAREER — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Describe the Kriya Kālas (क्रियाकालः) in detail. (10)
2. Describe the क्षय, वृद्धि कारण of doshas and their lakshana in detail. (8)
दोषार्थं क्षय-वृद्धि कारणानि लक्षणानि च ॥
3. Describe the process of respiration in detail. (10)
4. Write about उदान वायु and its special functions. (10)

उदानवायोः विशिष्टकर्मवर्णनम् ।

[VM379]

5. Write short notes on : (4 × 3 = 12)
 - (a) Dhatus and Upadhatus.
 - (b) चाली ज्ञान ।
 - (c) Cardiac sounds.
हृदयध्वनि वैविध्यम् ।
 - (d) Prānavaha srotas.

SECTION B

6. Explain the process of fat metabolism in detail. (10)
7. Describe the digestive system with a neat diagram. (7)
8. Describe the physiological functions of liver. (7)
9. Establish the relationship between panchamaha bhootas and ahara. (10)
पंचमहाभूतानुसारेण विविध आहार द्रव्यानि ।
10. Write short notes on : (4 × 4 = 16)
 - (a) अच्छपित्तं
 - (b) घृताग्नि and घात्वाग्नि
 - (c) प्रतिहारिणी सिरा ।
 - (d) घातुपाक ।

[ND 684]

NOVEMBER - 1994

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

First Year

(First Professional Course)

Part II

(Common to Old/New Regulation)

Paper III -- KRIYA SHAREER -- I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

Describe the significance of Shatkriyakalas. (10)

2. Prepare a note on the Pancha-Bhautika composition of Tridoshas, Sapta Dhatus and Malas. (10)

3. Define Blood pressure. Tabulate the factors regulating blood pressure. (10)

4. Prepare brief notes on : (20)

(a) Pranavaha srotas.

(b) Cardiac cycle.

(c) Neural control of respiration.

(d) Classification of Vata Dosha.

[ND 684]

SECTION B

5. Define Agni. Tabulate the classification, location and functions of each variety. (10)

6. Enumerate the various stages in Carbohydrate-metabolism. (10)

7. Describe the Aharaparinamakara bhavas. (10)

8. Prepare notes on : (20)

(a) Prakruty.

(b) Properties and functions of Cardiac Muscles.

(c) Maha srotas.

(d) Vipakam.

(e) Functions of Bile.

[SB 697]

APRIL - 1995

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

First Year

(First Professional Course)

Part II

(Common to Old/New Regulation)

Paper III - KRIYA SHAREER - I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Describe the inter relation between trigunas and tridoshas. (10)
2. Tabulate the divisions, location and functions of Kapha dosha. (10)
3. Elaborate the statement of Dosha dhatu mala moolatmakasareera. (10)
4. Prepare notes on : (20)
 - (a) Vyana vayu and its functions
 - (b) Neural regulation of respiration
 - (c) Artificial respiration
 - (d) Heart sounds
 - (e) Blood pressure.

[SB 697]

SECTION B

5. Prepare a note on the role of vitamins in the regulation of bodily functions along with the lesions seen in Vitamin deficiency.
6. Describe the structure and functions of Liver.
7. Describe the Sthana, Swaroop and functions of Jataragni.
8. Prepare notes on :
 - (a) Functions of Spleen.
 - (b) Various concepts in Dhatuparinama.
 - (c) Pratiharinee sira.
 - (d) Pulse and its regulatory factors.
 - (e) Intestinal movements.

NOVEMBER 1995

[MB 1067]

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

First Year

(First Professional Course)

Part II

(Common to Old/New Regulation)

Paper III — KRIYA SHAREER — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Describe the उत्पत्तिक्रम of दोष and वला । (10)
2. Explain the changes produced in संचय प्रकोप and प्रसर stages of kashas. (10)
3. Describe स्वासप्रस्वासप्रक्रिया । (10)
4. Write notes on : (20)
(a) Heart sounds (b) Pulse
(c) Pulmonary circulation (d) Vital capacity
(e) शक्ति ।

SECTION B

5. Describe धातुपरिणामप्रक्रिया । (10)
6. Describe the function of vitamins in brief. (10)
7. Describe the movements of stomach. (10)

[MB 1067]

8. Write notes on :

(20)

- (a) Gastric juice
- (b) Function of Liver
- (c) Cholesterol
- (d) Islets of Langerhans
- (e) Functions of spleen.

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[A K1077]

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

First Year

(First Professional Course)

Part II

(Common to Old/New Regulation)

Paper III — KRIYA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Explain the statement इतिभूतमयोदेहः (10)
2. Describe the functions of हृदय. (10)
3. Describe the functions of Doshas and Dhathoos in their state of equilibrium. (10)
4. Write notes on : (20)
 - (a) Cardiac Cycle.
 - (b) Cardiac muscle.
 - (c) पाचकपित्त
 - (d) प्राणवहस्रोतस्
 - (e) Regulation of respiration.

[A K1077]

SECTION B

5. Describe the digestion of Carbohydrates. (10)
6. Explain the factors involved in the absorption of the end products of digestion. (10)
7. Describe the function of Bile. (10)
8. Write notes on : (20)
 - (a) Salivary secretion.
 - (b) Defaecation.
 - (c) भूतानि
 - (d) Deglutition
 - (e) आहारपरिणामकर भावाः

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MP 1407

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

First Professional Course - Part II
(New Regulations)

Paper III - KRIYA SHAREERA I

Time: Three hours

Max.marks:100

Answer All Questions

All questions carry equal marks

Answer Sections A and B in separate answer books

SECTION A

1. Define:

- (a) Ayurveda
- (b) Ayu.
- (c) Sareera
- (d) Koshta and
- (e) Prakriti.

2. "Chaturvimshati Kohyesha Rasih Purusha Sangnakah"
(Purusha is composed 24 tatwas) - Explain.

(Or)

Mention the names of structures and organs developed from Ectoderm, endoderm and Mesoderm.

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3. Mention:

- (a) Vaatha lakshanaas (वातगुणाः)
- (b) Pitthasthanas (पित्तस्थानानि)
- (c) Kaphaprakopa lakshanas (कफ प्रकोप लक्षणाः)

4. Explain:

- (a) Sukrasonita Prakriti शुक्र-शोणितप्रकृतिः
- (b) Kāla garbhāshaya Prakriti कालगर्भाशयप्रकृतिः
- (c) Matru bhāra vibhāra prakriti with examples
मातृसहारेणहारप्रकृतिः

(or)

Describe:

- (a) Exchange of gases in the tissues
- (b) Circulatory route of blood from right atrium upto aorta, and
- (c) Serous fluids.

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SECTION B

5. " स्वस्थानस्य कायाग्नेरंशा- धातुषु संस्रिताः ।
तेषां सादाति दीप्तिभ्याम् धातु वृद्धि क्षयोऽदवः ॥" Explain.

(or)

Describe the functions of tongue and bile.

2. What are Dhatu Parinama Sidhantaas (धातुपरिणामन्यायाः)
Explain Ksheera dadhinyaya. (क्षिरदधि-न्यायः).

(or)

Explain the role of proteins and water-soluble vitamins
in the body.

3. Describe Avasthā Paaka and Saarakittavibhajana of Āhāra.
(अवस्थापाकः, सारकट्टविभजनं).

4. Describe Trayodasha Agnis and establish the fact that
'Jatharagni' is the remote controller of all the other
Agnis.

(or)

Explain the role of water and minerals in the body.

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[SV 1307]

आयुर्वेदाचार्यः

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

First Professional Course

Part II

(New Regulations)

Paper III — KRIYA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Write about the word 'sareera kriya' and describe the significance of "Shad Dhatuja Purusha" in treatment. (10)
2. What are the causes and symptoms of 'Doshakshaya' and "Vruddhi"? (10)
3. Write short notes on : (6 × 5 = 30)
 - (a) Shadkriya kalās.
 - (b) Deha prakruthi.
 - (c) Importance of Vāta in Prānāyāma.
 - (d) Functions of Udānavāyu.
 - (e) Cardiac cycle.
 - (f) Prānavāha Srōtas.

SECTION B

4. Describe the Quality and function of 'Jivaniya Talva' and symptoms occurring due to their deficiency. (10)
5. Write about 'Avasthāpāka' and the stages of Digestion. (10)
6. Write short notes on : (6 × 5 = 30)
 - (a) Functions of pancreas.
 - (b) Sāra and Kitta.
 - (c) Achhapitta.
 - (d) Portal vein functions.
 - (e) Factors influencing digestion of food.
 - (f) Vipaka.

OCTOBER - 1998

[SM 1307]

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

First Professional Course

(New/Revised Regulations)

Part II — KRIYASHAREERA I

Time : Three hours

Maximum : 100 marks

SECTION A

1. What is the significance of the Kriyakālas? (10)
2. Write about the Panchavidha Kapha and their locations, functions and the causes which vitiate them. (10)
3. Write in brief : (6 × 5 = 30)
 - (a) Pāchaka Pitta
 - (b) Udāna Vasta
 - (c) Ashta prakriti
 - (d) Vital capacity of the Lungs
 - (e) Heart sounds
 - (f) Artificial respiration.

SECTION B

4. The importance of the Portal Circulation. (10)
5. Describe Agni and write about the role of different Agnis. (10)

6. Write in brief : (6 × 5 = 30)
 - (a) Āhāra Rasa
 - (b) Swarūpanusāra Āhāra Vargikarana (classification of food according to Form)
 - (c) Bile juice
 - (d) Jīvaniya tatwa
 - (e) The functions of Pancreas
 - (f) Composition of Feces.

APRIL 1999

[SG 1307]

Sub. Code : 4620

आयुर्वेदाचार्यः

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

First Professional Course

Part II

(New/Revised Regulations)

Paper III — KRIYA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Explain the "Dosha dhathu mala moolam" of the body. (10)
2. Describe the five divisions of Vayu and their functions. (10)
3. Write short notes on : (6 × 5 = 30)
 - (a) Blood pressure
 - (b) Shad dhathu purusha
 - (c) Vata vrudhi
 - (d) Control of respiration
 - (e) Samchayam
 - (f) Malas of Dhathu.

SECTION B

4. Describe 'Agni' and its role in digestion. (10)
5. Describe the digestion of food in stomach. (10)
6. Write short notes on : (6 × 5 = 30)
 - (a) Vitamin A.
 - (b) Portal circulations.
 - (c) Functions of spleen
 - (d) Avastha Pāka
 - (e) Peristalsis
 - (f) Koshta.

OCTOBER 1999

[KA 1307]

Sub. Code : 4620

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

First Professional Course

Part II

(New – Revised Regulations)

KRIYA SHAREERA — Paper I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

SECTION A

1. Describe Cardiac cycle. (10)
- 2- Classification of Thridosha Bhedas and describe Pitha in detail. (10)
3. Write short notes on : (6 × 5 = 30)
 - (a) Prana Vatha in respiration
 - (b) Write about Shatkriya–kalas
 - (c) Deha Prakruthi
 - (d) Blood pressure
 - (e) Avalambaka Sleshma
 - (f) Apana Vayu.

SECTION B

4. Describe Dhathuparinama and deficiency symptoms of vitamins. (10)
5. Describe the digestive enzymes in metabolism. (10)

6. Write short notes on :

(6 × 5 = 30)

- (a) Saliva
- (b) Pancreas
- (c) Liver functions
- (d) Jatharagni
- (e) Avasta paka
- (f) Sara–kitta formation.

[KB 1307]

(आयुर्वेदाचार्यः)

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

(Common to RR and New Regulations)

Part II

First Professional Course

Paper III — KRIYA SHAREERA — I

Time : Three hours Maximum : 100 marks

Answer in Sanskrit or English only.

Answer Section A and Section B in separate
answer books.

SECTION A

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

(a) Prakruti Nirmanam and factors responsible
for Prakruti formation. Write about Kapha Prakruti
Lakshanas?

(b) Describe the उत्पत्तिक्रम of दोषाः and पंचमहाभूताः.

(c) What are the properties of Cardiac muscle?
How do the properties help in the functions of the heart?

(d) Define Blood Pressure. Tabulate the factors
regulating Blood pressure.

2. Write in brief/Answer any FOUR of the following :
(4 × 5 = 20)

(a) Pathyaja apathyaja prakopam
(पथ्यज अपथ्यज प्रकोपं)

(b) Nirukti of Dosa Dhatu malam and Shareeram
(निरुक्ति of दोष धातु मल शरीरम्)

(c) Sthana Samsryam
(स्थान संश्रयं)

(d) Sadhaka pittam
(साधक पित्तं)

(e) Vagutpathi
(वागुत्पत्ति).

SECTION B

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

(a) What are the nyayas of Dhatu Parinama?
How the dhatus of different qualities are formed from
one another?

(b) Define Agni. Tabulate the classification
location and functions of each variety.

(c) What are the secretions from the stomach and
how they help in digesting the food?

(d) Enumerate the various stages in
Carbohydrate Metabolism.

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4. Write in brief/Answer any FOUR of the following :
(4 × 5 = 20)

(a) Pachaka Pittam

(पाचक पित्त)

(b) Aahara Parinamakara Bhavas

(आहार परिणामकर भावाऱ)

(c) Amla Aavasthapaka

(अम्ल अवस्थापाक)

(d) Islets of Langerhans

(e) Dhatu Malas

(धातुमलऱ) .

OCTOBER 2000

[KC 1307]

(आयुर्वेदाचार्यः)

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

(New Regulations)

Part II

First Professional Course

Paper III — KRIYA SHAREERA — I

Time : Three hours Maximum : 100 marks

Answer in Sanskrit or English only.

Answer Section A and Section B in separate
answer books.

SECTION A

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

(a) Describe the Kriya kalas (क्रिया कालः) in detail.

(b) How do you understand the decrease and
increase of Dosas and Malas (दोषादीनां वृद्धिक्षयी कथं जानीयात्)
अस्थिमारुतयोर्नैवं? Explain.

(c) How does the gaseous diffusion take place in
the lungs?

(d) Write in detail about the cardiac cycle.

2. Write in brief/Answer any FOUR of the following :

(4 × 5 = 20)

(a) Vagutpathi (वागुत्पत्ति)

(b) Buddi Vaisheshika Aalochaka pitta

(बुद्धि वैशेषिक आलोचक पित्तं)

(c) Swasa praswasa prakriyaya

(श्वास प्रश्वास प्रक्रिया)

(d) Heart sounds

(e) Avalambaka shelesma (अवलम्बक श्लेष्मा).

SECTION B

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

(a) Write about Kedara kulya nyaya (केदारकुल्यन्याय)
of Dhatu parinama.

(b) Explain Aavastha paka and Nishta paka.

(c) Explain the process of fat metabolism in
detail.

(d) Write about the Hepatic circulation with help
of a diagram.

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4. Write in brief/Answer any FOUR of the following :
(4 × 5 = 20)
- (a) Intestinal movements
 - (b) Prasadakhya Dhatus (प्रसादाख्य धातुs)
 - (c) Dhatvagnis (धात्वग्नि)
 - (d) Gastric juice
 - (e) Aahara Vidhi Viseshayatanas. (आहार विधि विशेषायतनाs)
-