

APRIL - 2001

[KD 1307]

(आयुर्वेदाचार्यः)

B.A.M.S. (Ayurvedacharya) 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 about any THREE of the following :
(3 × 10 = 30)
 - (a) Dēhaprakriti (देह प्रकृति) and its importance in Ayurveda.
 - (b) How Dōs'as (दोषः) respond to the changing seasons according to Caraka (चरक)?
 - (c) Respiratory volumes and capacities.
 - (d) Electrical activity in the cardiac muscle.

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

- (a) Pācaka Pitta (पाचक पित्त)
- (b) Mānasika Dōs' as (मानसिक दोष)
- (c) Prānāyama (प्राणायाम)
- (d) Pulmonary circulation of the blood
- (e) The constituents of the plasma and their physiological importance.

SECTION B

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

- (a) Classification of Aahara Dravyas (आहार द्रव्य) according to Yōni (योनि) and Swaroopa (स्वरूप).
- (b) Formation of Sapta Dhātus (सप्त धातु) from Aahara Rāsa (आहार रस).
- (c) Fat-soluble vitamins.
- (d) Functions of the pancreas.

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

- (a) Vipāka (विपाक)
- (b) Role of Pakvāsaya (पक्वशय) in Mala (मल) formation
- (c) Ksheeradadhinyāya (क्षीरदधिन्याय)
- (d) Intestinal secretions
- (e) Entero-hepatic circulation of bile salts.

NOVEMBER 2001

[KE 1307]

FIRST B.A.M.S. DEGREE EXAMINATION.

(Revised regulations/New Regulations)

Part II

First Professional Course

Paper III — KRIYASHAREERA — I

Time : Three hours

Maximum : 100 marks

Draw diagrams wherever necessary.

Answer in Sanskrit or English only.

Answer Section A and Section B in
separate answer books.

PART A

1. Write in detail any THREE of the following :
(3 × 10 = 30)
 - (a) Define Sareeram. Explain the kayabhedas.
 - (b) Explain the formation of saptadhatus and upadhatus with their malas formed during dhatu parinama.

NOVEMBER 2001

(c) Explain the factors influencing the formation of prakriti and mention pillá prakriti in detail.

(d) Explain vital capacity and lung volumes.

2. Write any FOUR : (4 × 5 = 20)

(a) Explain the lymphatic circulation.

(b) Explain the functions of Avalambakakaptam.

(c) Explain the sthanas of thridoshas and its utpatti.

(d) Explain the shad kriya kala.

(e) Explain cardiac cycle.

PART B

3. Write any THREE : (3 × 10 = 30)

(a) Explain the formation of srotas and the diseases that may arise due to its drishti.

(b) Explain digestion and absorption in detail.

(c) Explain the physiology of olfaction.

(d) What are hormones? Explain the functions of pituitary hormones.

4. Write any FOUR : (4 × 5 = 20)

(a) Explain the salivary glands and its function.

(b) Explain 'Koshta agnis' in detail.

(c) Explain the formation of dhatus form aharasara.

(d) What are the functions of spleen?

(e) What are water soluble vitamins? Mention their deficiency diseases.

MARCH 2002

[KG 1307]

(आयुर्वेदाचार्यः)

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

First Professional Course

(New and Revised Regulations)

Part II

Paper III — KRIYA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer Section A and Section B
in separate answer books.

Draw Diagrams wherever necessary.

Write in Sanskrit or English only.

SECTION A

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

(a) Prakriti Nirmana (प्रकृति निर्माण) and explain
vididha प्रकृति लक्षणाः.

(b) Explain Vividha Kapha (विविध कफ) in detail.

(c) Describe Cardiac cycle.

(d) Explain the regulation of Arterial pressure.

MARCH - 2002

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

- (a) Lokasya Purushasya Samyam.
(लोकस्य पुरुषस्य साम्यं)
- (b) Sthana Samshrayam (स्थान संश्रयं)
- (c) Pulmonary volumes and capacities.
- (d) Heart sounds.
- (e) Doshavridhi lakshanas.
(दोष वृद्धि लक्षणः).

SECTION B

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

- (a) Explain Avastha Paka and Nishta Paka.
(अवस्था पाक and निष्ठापाक)
- (b) Formation of dhatus from Ahara Rasa.
- (c) Metabolic functions of Liver.
- (d) Explain the digestion of carbohydrates.

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

- (a) Aahara Parinamakara Bhava
(आहार परिणामकर भाव)
- (b) Saliva
- (c) Pratiharini Sira
(प्रतिहारिणी सिरा)
- (d) Bhootagni
(भूताग्नि)
- (e) Ksheera Dhadhi Nyaya
(क्षीर दधि न्यायः).

SEPTEMBER 2002

[KH 1307]

(आयुर्वेदाचार्यः)

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

First Professional Course

(New and Revised Regulations)

Part II

Paper III — KRIYASAREERAM — I

Time : Three hours Maximum : 100 marks

Answers should be written in Sanskrit or English.

Draw diagrams wherever necessary.

Answer Section A and Section B **SEPARATELY**.

SECTION A

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

(a) Mention the sthanas (स्थान) of Tridoshas.

Describe their classification and functions.

(b) Mention the mechanism of respiration.

(c) Mention the cardiac cycle.

(d) What is prakriti? Describe Kapha prakriti

(कफ प्रकृति).

SEPTEMBER 2002

2. Write short notes on any FOUR of the following :

(4 × 5 = 20)

- (a) Doshas located in Hridaya
- (b) धिकित्साधिकृत पुरुषः
- (c) Similarities between लोक + पुरुष
- (d) स्वेदक्षयलक्षणं and its treatment
- (e) Kaya bhedas.

SECTION B

3. Write in detail any THREE of the following :

(3 × 10 = 30)

- (a) What are vitamins? Explain its classification with the deficiency diseases.
- (b) Explain the complete digestion of food. (आहार पाक प्रक्रिया)
- (c) Explain the functions of liver.
- (d) Explain protein metabolism.

4. Write short notes on any FOUR of the following :

(4 × 5 = 20)

- (a) Kaya bhedas (काय भेदाः)
- (b) Agnis
- (c) Pancreatic secretions
- (d) Functions of spleen
- (e) Hepatic portal circulation.

APRIL - 2003

[KI 1307]

Sub. Code : 1307

(आयुर्वेदाचार्यः)

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

First Professional Course

(New and Revised Regulations)

Part II

Paper III — KRIYASAREER — I

Time : Three hours

Maximum : 100 marks

Answers should be written in Sanskrit or English.

While writing in Sanskrit use Devanagari script only.

Draw diagrams wherever necessary.

Answer Section A and Section B in
SAME Answer Book.

SECTION A

1. Write in detail any THREE of the following :
(3 × 10 = 30)
 - (a) Mechanism of breathing.
 - (b) Write in detail about cardiac impulse and explain heart block.
 - (c) Role of vata in circulation of blood.
 - (d) What do you mean by Prakriti and explain different types of dehaprakriti with features?

2. Write in brief any FOUR of the following :
(4 × 5 = 20)
 - (a) Importance of vata in pranayama
 - (b) Blood pressure
 - (c) 2nd stage of Kriyakala
 - (d) Vyana Vayu
 - (e) Location and functions of Kapha dosha.

SECTION B

3. Write in detail any THREE of the following :
(3 × 10 = 30)
 - (a) Write in detail about Agni.
 - (b) Explain functions of liver in digestion of food.
 - (c) Describe in detail about functions of different organs of Mahasrotas.
 - (d) Write an essay on vitamin.
4. Write in brief any FOUR of the following :
(4 × 5 = 20)
 - (a) Grasanika (pharynx)
 - (b) Khalekapota nyaya
 - (c) Write about the metabolism of fat in liver
 - (d) Dhatwagni
 - (e) Prakruta vata karma.

OCTOBER - 2003

[KJ 1307]

Sub. Code : 1307

(आयुर्वेदाचार्यः)

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

First Professional Course
(New and Revised Regulations)

Part II

Paper III — KRIYASAREER — 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 Sections A and B in the SAME Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

Essay type questions : (any two)

1. Explain dosha dhatu malamulam in Shariram.
2. Describe the formation of tridosha during the digestion of ahara and vipaka process.
3. Write about prakruti and characters of vataprakruti.

SECTION B — (10 × 5 = 50 marks)

Answer ALL questions.

Short notes :

1. Control of respiration.
2. Foetal circulation.
3. Ahara pachana in Amasaya.
4. Describe the function of pleeha.
5. Sanchaya and Prakopa lakshana of pitta.
6. Mrudukostha.
7. Ahara dravya ghatakani.
8. Vit-A.
9. Portal circulation.
10. Describe briefly about vata dosha bheda.

APRIL - 2004

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SECTION B

(आयुर्वेदाचार्यः)

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

First Professional Course

(New and Revised Regulations)

Part II

Paper III — KRIYASAREER – 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 Sections A and B in the SAME Answer book.

SECTION A

Essay type questions : (any two) (2 × 15 = 30)

1. Write about Ahara parinama prakriya.
2. Describe the nrud karya chakra.
3. Describe swara yantrashya samanya parichaya and vagotpati.

Short notes:

(10 × 5 = 50)

4. Carbohydrate metabolism.
5. Kostham.
6. Formation of doshas in various stages of digestion.
7. Dehaprakruti bheda.
8. Raktachapa (Blood pressure)
9. Pranavaha sroto.
10. Brief description on dhatwagni.
11. Sweda utpati.
12. Peristalsis.
13. Mala of dhatu.

AUGUST - 2004

[KL 1307]

Sub. Code : 1307

(आयुर्वेदाचार्यः)

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

First Professional Course

(New and Revised Regulations)

Part II

Paper III — KRIYASAREER — 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 Sections A and B in the SAME Answer Book.

SECTION A

Essay type questions : (2 × 15 = 30)

1. Digestion of carbohydrates in detail.
2. Describe dhatupaka in relation to different nyaya.

SECTION B

Short notes : (10 × 5 = 50)

3. Functions of spleen.
4. Normal functions of vatadosha.
5. Digestion in duodenum.
6. Jatharagni.
7. Functions and deficiency disease of Vit-D.
8. Sthana and karma of vyana vayu.
9. Kapha kshaya vridhi lakshana.
10. Guna and karma of mana.
11. Artificial respiration.
12. Portal circulation.

[KM 1307]

Sub. Code : 1307

(आयुर्वेदाचार्यः)

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

First Professional Course

(New and Revised Regulations)

Part II

Paper III — KRIYASAREER — 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

SECTION A — (2 × 15 = 30 marks)

Essay Type :

1. Mechanism of respiration.
2. Describe Satkriyakala.

SECTION B — (10 × 5 = 50 marks)

Short notes :

3. Functions of pancreas.
4. Sanchaya.
5. Normal and abnormal functions of pitta.
6. Location and functions of kapha.
7. Heart sound.
8. Upadhatu.
9. Vipaka.
10. Cardiac cycle.
11. Foetal circulation.
12. Function of small intestine.

[KN 1307]

Sub. Code : 1307

(आयुर्वेदाचार्यः)

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

First Professional Course

(New and Revised Regulations)

Part II

Paper III — KRIYASAREER — 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 either in English or in Sanskrit.

Answer ALL questions

I. Essay : (2 × 15 = 30)

1. Classification of purusha based upon dhatus.

(धातु भेदेन पुरुष संघटनं)

2. Describe dhatuparinama in detail.

II. Short notes : (10 × 5 = 50)

1. Salivary glands.

2. Pratiharini sira.

3. Vitamin A deficiency diseases.

4. Agni.

5. Vata prakrti .

6. Cardiac cycle.

7. Mutual relationship between Triguna and Tridosha.

(त्रिगुण-त्रिदोष परस्पर सम्बन्ध)

8. Prakopa.

9. Pitta vriddi and kshaya lakshanas.

10. Exocrine function of pancreas.

FEBRUARY 2007

[KQ 1307]

Sub. Code : 1307

(आयुर्वेदाचार्यः)

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

First Professional Course
(New and Revised Regulations)

Part II

Paper III — KRIYASHAREERA — 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. Essay type question : (1 × 20 = 20)

1. Write an essay on dosha dhatu mala mulam
hi sharira.

(2 × 15 = 30)

2. Digestion of food stuff in alimentary tract.

3. Location guna karma of vata dosha.

II. Short notes :

(6 × 5 = 30)

1. Sanchaya.

2. Vit B₁.

3. Cardiac cycle.

4. Mechanism of speech.

5. Accha pitta.

6. Avastha paka.

February 2010

[KW 1307]

Sub. Code : 1307

(आयुर्वेदाचार्यः)

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

First Professional Course

(New and Revised Regulations)

Part II

Paper III — KRIYASHAREERA — I

Q.P. Code : 641307

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

- I. Long Essay : (2 × 15 = 30)
1. Sharirasya dosha-dhātu - mala mulatram.
 2. Describe the mechanism of active transport of substance through cell membrane.

II. Short notes :

(10 × 5 = 50)

1. Sthana of pitta doshas.
2. Explain Avalambaka Kapha.
3. Explain Swaravaha Srothas.
4. Write short note on Karma Purusha.
5. Explain avasthapaka.
6. Functions of stomach.
7. Functions of liver.
8. Digestion and absorption of lipids.
9. Functions of platelets.
10. Exchange of gases between alveoli and blood.

III. Short Answers :

(10 × 2 = 20)

1. Define Aṅg.
2. Define Kāraṇa.
3. Shavasana Sankhya.
4. Advantages of Pranāyāma.
5. Karmendriya.

6. Define PVC.

7. Dysphagia.

8. Thrombosis.

9. Define Coagulation.

10. Write about T cells.

[KY 1307]

Sub. Code : 1307

(आयुर्वेदाचार्यः)

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

First Professional Course

**(Common to Revised Regulation pattern 3, 5 and
Re-Revised Regulations)**

Part II

KRIYASHAREERA – I

Q. P. Code : 641307

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

- I. Long Essay : (2 × 15 = 30)
1. Explain Shatkriya kalas in detail.
 2. Explain different types of Dehaprakriti.
- II. Short notes : (10 × 5 = 50)
1. Act of phonation (Shabdha Uthpathi)
 2. Relation between Thriguna and Thridosha.
 3. Write in brief about vital capacity of the lungs.
 4. Panchabhutas in dosha, dhatu and malas.
 5. Prākrutha vata karyas.
 6. Pitha Vridhi and Kshaya Lakshanas.
 7. Water soluble vitamins.
 8. Functions of liver.
 9. Write short notes on pulse and its regulatory factors.
 10. Valves of the heart.

III. Short answers :

(10 × 2 = 20)

1. Kedarakulya nyayam.
 2. Bhrajaka pitham.
 3. Write about Swedotpatti.
 4. Vipaka.
 5. Achapitham.
 6. Doshas in Hridaya.
 7. Kledaka kapham.
 8. Dhatu malās .
 9. Definition of Doshas.
 10. Definition of Shareera.
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August 2011

[KZ 1307]

Sub. Code : 1307

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

First Professional Course

Paper VII — KRIYA SHAREER – I

Q.P. Code : 641307

Time : Three hours

Maximum : 100 marks

Answer **ALL** questions.

I. Long Essay:

(2 x 15 = 30)

1. Explain Vyanaavatam and write hritkarya chakram (cardiac cycle).
2. Write pancha vidha pithas and their functions.

II. Short notes :

(10 x 5 = 50)

1. Kapha vridhi lakshanas.
2. Vata prakanta karyas.
3. Kapha gunas.
4. Kapha prakruthi lakshanas.
5. Chatur vimshati purusha.
6. Normal functions of pitha.
7. Triguna thridosha sambandham.
8. Definition of Dosha, Dhatu and Mala.
9. Causative factor for vitiation of doshas.
10. Loka purusha samyatha.

III. Short Answers :

(10 x 2 = 20)

1. Phenabhutham.
2. Sapta dhatwagm's.
3. Thrividha koshtas.
4. Hridaya nirvachanam (definition).
5. Cordinal functions of sapta dhatus.
6. Vata kshaya lakshanas.
7. Vitamin E.
8. Vitamin B12.
9. Vata sthanas.
10. Pitha kshaya lakshanas.

February 2012

[LA 1307]

Sub. Code: 1307

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

FIRST PROFESSIONAL COURSE

PAPER IX - KRIYA SHAREERA - I

Q.P. Code: 641307

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Heart and pacemaker system.
2. Mechanism of ventilation.

II. Write notes on:

(10 x 5 = 50)

1. Satwika prakruti.
2. Chaturvimshati tatwa
3. Vatavidhi lakshana
4. Pitta kshaya vridhi laksyhana
5. Functions of fats.
6. Bhootagni.
7. Salivary gland
8. Spleen.
9. Radial pulse
10. Guna vipaka vada

III. Short Answers

(10 x 2 = 20)

1. Vata sthana
2. Properties of kapha
3. Oxygen debt
4. Peristalsis
5. Trigunas
6. Krura kostha
7. Cardiac output
8. Sanchaya stage of kriyakala
9. Vitamin-K
10. Enzyme

FIRST PROFESSIONAL B.A.M.S. DEGREE EXAM - APRIL 2013

PAPER -IX KRIYA SHAREERA-I

Q.P. Code: 641307

Time: 3 hours

Maximum:100 Marks

ANSWER ALL QUESTIONS

I Essay Questions:

2×15 = 30

1. What is the significance of Kriya Sharira in the attainment of Healthy long life?
2. Enlighten on the concept of Agni in Ayurveda

II Short notes:

10×5 = 50

1. How does Srishthi Utpatti help in the making of Sharira.
2. What are the principles involving in the maintenance of Homeostasis?
3. Write about the functions of Doshas present in Koshta.
4. Define and explain the process of Gene expression.
5. Write the importance of knowledge about Ashta Ahara Vidhi Visheshayatanas.
6. Narrate Hypoxia in terms of definition, causes and classification.
7. Write the classification of food as per Modern and Ayurveda with nutritional values.
8. How will you correlate the concept of Srotas at cellular level?
9. Explain the role of Vasomotor center in the regulation of Heart rate.
10. Mention Vikruta Vata Dosha Karmas.

III Short Answers:

10×2 = 20

1. Write the Nirukti of Dhatus and Malas with their Sankya.
2. In a person whose upper and lower limbs are unapproachable, where and how will you feel the Pulse?
3. Definition of Prakriti as per Rasa Vaisheshika.
4. Name any four altered patterns of Respiration.
5. Give the contextual meaning of 'Purusho Ayam Loka Sammithaha'.
6. Which Dosha Avasha give rise to a clinical condition called Bhrama? How?
7. Write about Vomiting reflex.
8. Write the names of Mahagunas. Which one is distinct from others and why?
9. Statement-1: Atherosclerosis is one of the commonest cause for Hypertension in old age.
Statement-2: Elasticity of the blood vessels also maintains the blood pressure. Do you find any physiological relevance between these the statements? If yes, mention.
10. Madura, Amla, Katu avasthapakas are known as Amavastha, Vidagavastha, Pakvavastha. Say whether this order is true or false. If false write the correct order, if true write the name of the Doshas produced out of these three Avasthas.

FIRST PROFESSIONAL B.A.M.S DEGREE EXAM - AUGUST 2013

PAPER -IX KRIYA SHAREERA-I

Q.P. Code: 641307

Time: Three hours

Maximum:100 Marks

ANSWER ALL QUESTIONS

I Essay Questions:

2×15 = 30

1. You had studied Kriya shariram in Ayurveda with modern physiology. What is the scope and relevance of Ayurveda Kriya in current practice? Explain with help of references.
2. Vyutpatti, Utpatti, Nirukti, Paryaya, Bheda and various definitions of Prakruti. Intra- uterine and extra-uterine factors influencing the Prakruti. Anukatwa and Pradhanyan of Prakruti.

II Short notes:

10×5 = 50

1. Definitions, classifications and significance of Ahara dravya.
2. Write the distinct functions of Bile.
3. Whether Jatharagni, Bhutagni, and Dhatwagni are one and same or different? State your view with references.
4. Define Respiratory pressures and write their significance in the process of Respiration.
5. Write the Samanya Guna and Karma of Doshas.
6. Brief the regulation of Respiration by the Pontine centers.
7. Explain the functions of Apana vata based on Modern physiology.
8. Explain the concept of Srotas and correlate with Modern physiology.
9. Tridoshas are not visible then how will you feel their presence or accept that they are present in the body.
10. Write the physiology of Enteric nervous system.

III Short Answers:

10×2 = 20

1. What is the influence of Agnimandya on Dhatwagni and its respective dhatu?
2. Define Action potential.
3. What are all the Doshas supposed to be residing in Hrudaya.
4. Tidal volume is 500ml, Respiratory reserve volume is 3.3ltrs, Expiratory reserve volume 1 ltr, Residual volume is 1200ml. Find the value of Vital capacity.
5. Mention the Doshagati as per Ritu prabhava.
6. While examining the Pulse what are all the aspects/features to be observed?
7. Which stage of Sushrutokta Kriyakala is more important to you and why?
8. Mention any four major findings which make diagnosis possible made out of Electrocardiogram.
9. Which Dhatu derangement causes the Shabda-asahishnutva? Write the normal functions of that Dhatu.
10. Mention the Sharira Ghatakas.

[LE 1307]

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FIRST PROFESSIONAL B.A.M.S DEGREE EXAM - FEBRUARY 2014

PAPER -IX KRIYA SHAREERA-I

Q.P. Code: 641307

Time: Three hours

Maximum:100 Marks

ANSWER ALL QUESTIONS

I Essay Questions:

2×15 = 30

1. Being an Ayurvedic student how will you approach the concept of Homeostasis? Explain the factors regulating it based on Ayurvedic fundamentals.
2. Explain the concept of Koshta and Agni based on Modern physiology.

II Short notes:

10×5 = 50

1. Write about Aharaparinamakara bhavas.
2. Mention the movement of Small intestine and write their physiological purpose.
3. Mention the classification of Manasa Prakruti and explain the features of Tamasika Prakruti.
4. Write the types and functions of the Endoplasmic Reticulum.
5. Write the influence of Sharirika gunas in the pathogenesis of Dosha gati.
6. Define Respiratory Protective reflexes and explain one major reflex.
7. Write the Nirukti, Guna, Bheda, Sthana, Samanya and Vaikruta karma of Kapha
8. Explain the Defecation reflex.
9. Explain the concept of Srotas and correlate with Modern physiology.
10. What are the Heart sounds? Write their mechanism of production and Auscultatory areas. State the difference between Heart sounds and Cardiac murmurs.

III Short Answers:

10×2 = 20

1. Write the Bhoutika composition of Tridoshas.
2. Specify the daily requirements of Fat soluble vitamins.
3. A patient is diagnosed to be having Asthikshaya Lakshanas. Dosha shamanam and dosha kohanam are the two set of drugs. Which one would you select to treat the patient and why?
4. Draw the figure of a Respiratory unit and name the parts.
5. Whether the concept of Diurnal variation was mentioned in Ayurveda or not? Give the reference if yes.
6. 'Pittam evam agni' – Substantiate this statement with two valid points.
7. Write the properties of Cardiac muscles.
8. Agnibala bheda is of four types. Can you find and match the influence of Samanavata on them?
9. Tabulate the differences between the Enzymes and Hormones.
10. If the Blood pressure is 140/110, find the Mean arterial blood pressure.

FIRST PROFESSIONAL B.A.M.S. DEGREE EXAMINATION**PAPER IX – KRIYA SHAREERA - I***Q.P. Code : 641307***Time: Three hours****Maximum : 100 Marks****Answer All questions****I. Essay Questions:****(2 X 15 = 30)**

1. How will you apply the *Tridosha Vignana* in *Roga Arogya Nirnayam*?
2. Role of Intestines in the processes of Digestion, Absorption and Metabolism.

II. Short Notes:**(10 X 5 = 50)**

1. Enumerate the *Tridosha Triguna Sambandha*.
2. *Swasa Prakriya* as per Ayurvedic scriptures.
3. Write about the *Guna Anusara Kriyakala*.
4. Concept of *Prakruti* as per the *Vagbhatacharya*.
5. Write about the *Ahara Paka karma*.
6. Functions of a living cell in general.
7. Neural regulation of Respiration.
8. Functions of Vitamins.
9. Functions of Salivary glands.
10. Physiology of Lymphatic circulation.

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

1. Write the *Sthana* of *Pancha Kapha*.
2. “*Taihi bhaveth Samaihi Samaha*” – Give the contextual meaning.
3. Mention the *Shodasa Vikara* of *Pancha Vimshati Purusha*.
4. Write about *Avastha Paka*.
5. Name the *Ahara Vidhi Visheshayatana*.
6. Passive Transport.
7. Action Potential.
8. Types of Hypoxia.
9. Define Ventilation.
10. What are all the usages of ECG?

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

PAPER IX – KRIYA SHAREERA - I

Q.P. Code : 641307

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: (2 x 15 = 30)

1. Write about Vata Dosha in detail.
2. Role of Liver in the processes of Digestion and Metabolism.

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

1. Validate of *Loka-Purusha Samyata*.
2. Significance of *Manasika Dosha*.
3. *Vaak Utpatti* as per Ayurvedic perspective.
4. *Aahara Pradhanyatvam*.
5. Describe *Ritu Anusara Kriyakala*.
6. The mechanism of Acid-Base Balance of the body.
7. Mechanism of Respiration.
8. Physiological basis of EEG.
9. Functional organization of Peripheral Nervous system.
10. The elementary Cell Physiology.

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

1. Relationship between *Tridosha* and *Triguna*.
2. Write the *Sthana* of *Pancha Vata*.
3. Role of *Tridosha* on the *Prakruti Nirmana*.
4. Classification of *Agni*.
5. Mention the *Dosha Avastha* which can be treated by using *Madhura Rasa*.
6. Types of Hypoxia.
7. Types of Food.
8. Types of Salivary Glands.
9. Types of Memory.
10. Enlist the Pulmonary Function Tests.

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Sub. Code: 1307

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

PAPER IX – KRIYA SHAREERA - I

Q.P. Code: 641307

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Essay Questions:

(2 x 15 = 30)

1. Description of Pitta Dosha – Definition, Quality, Functions, location and its Classification.
2. Explain Detail about Physiology of Digestion in Gastro Intestinal Tract.

II. Write notes on:

(10 x 5 = 50)

1. Explain types of Agni.
2. Similarities between Loka and Purusha.
3. Mechanism of Respiration.
4. Define Prakriti, Name the Types of Shariraka and Manasika Prakriti.
5. What are the Functions of the Liver?
6. Write about Protein Metabolism.
7. Explain Cardiac Cycle.
8. Shad Kriya Kalas-Explain.
9. Describe Ahara Parinamakara Bhavas.
10. Describe Lung Volumes and Lung Capacities.

III. Short answers on:

(10 x 2 = 20)

1. Write About *Prana Vatha*?
2. Function Of Vata Dosha.
3. Definition of Koshta.
4. Describe Respiratory Membrane.
5. Significances of Agni.
6. Define - Breath Sounds.
7. Name the Mahasrotas Organs.
8. What is Defecation?
9. Gastric Juice Contains.
10. Name the Fat Soluble Vitamins.
