

APRIL - 1993

[RS 624]

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

First Year

(First Professional Course)

Part II

Paper V — RACHANA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer either in English or Sanskrit.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. Define Shareera, Shūreera and analyse the 'Tridoshakatwam', Dhoshadhatumoolakatwam of Shareera. (10)
2. What do you mean by 'Shadangatwam'? (5)
3. What is 'Anthahpushpam'? (5)
4. Write about 'Garbha Vikāsam'. (5)
5. What are the Garbha Vriddhikara Bhāvās? (5)

6. Write short notes on any FOUR of the following :  
(4 × 5 = 20)

- (a) Garbhaposhanam.
- (b) Linga Bheda.
- (c) Ānūvamshika Siddhantha.
- (d) Garbhādānam.
- (e) Shareerasya Trigunatmakatwam.

SECTION B

7. What is Sushrutha's classification of 'Asthis'? Describe the urdhwa prāntha (upper end) of the Urwasthi. (FEMUR) (10)
8. Describe the 'Jānu Sandhi'. (Knee Joint) (5)
9. Describe about 'Tōrani Mahā Dhamani'. (Arch of the Aorta) (5)
10. Write about Srōtomayatwam of Shareera. (5)
11. Write about formation of the 'Ūrdhwa Maha Sira'. (Superior vena cava) (5)
12. Describe 'Dakshina Alinda' (Right Atrium) of the Hridaya. (5)
13. Write about the 'Trikapindeeya Snāyu'. (Sacrotuberous Ligament) (5)
14. Write short notes on the following :
  - (a) Katilambini deerghāpēshi. (Psoas Major) (5)
  - (b) Trishiraskāpēshi. (Triceps Brachi) (5)

NOVEMBER - 1993

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

PART-II

Paper V RACHANA SHAREERA-I

Time : Three hours

Max. Marks : 100

Answer All Questions

Answer section A and B in Seperate answer books

Draw diagrams where ever necessary

SECTION A

1. Explain Karmapurusha, Panchabhowtikatwam and tridoshamayatwam of shareera. (10)
2. Write the shuddha shukra Arthwa Lakshanas (5)
3. Write about satwa prakriti Kaya. (5)
4. Give a brief note on the masanumasa Vridhikrama of Garbha. (5)
5. Explain Susrutha's Mrutashodhanam and Samrakshanam Vidhi. (5)
6. Write short notes on any FOUR of the following :  
(4 x 5 = 20)  
(a) Pumsavana Karma's importance in Linga Bheda.  
Write few vidhi.

- (b) Garbha Vriddhikara Bhavas
- (c) Apari Nirmanam.
- (d) Kosha Vibhajanam
- (e) Rajasa Kaya Prakriti.

SECTION B

7. Explain the classification of Sandhi according to Susrutha. Describe the elbow joint. (10)
8. Describe the urwasthi with its muscle attachments. (5)
9. Write about Inferior vena cava (5)
10. Describe left ventricle of the Hridaya (5)
11. Write the sankya, utpathi sthanam of srotas. (5)
12. Write about cruciate Ligament. (5)
13. Explain the course of Renal arthey (5)
14. Write short notes on the following :  
(a) Trapezius muscle. (5)  
(b) Sartorius muscle. (5)

APRIL - 1994

[VM381]

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

First Year

(First Professional Course)

Part II

Paper V — RACHANA SHAREER — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer either in English or Sanskrit.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. Write about गर्भस्य परिभाषा and गर्भपोषण क्रम । (10)
2. Write short notes on : (5 × 4 = 20)
  - (a) अपरनिर्माण ।
  - (b) कर्मपुरुषः ।
  - (c) नाभीनाडी ।
  - (d) आनुवंशिकी सिद्धान्तः ।
  - (e) लिंगभेदः ।
3. Write about "शारीर ज्ञान प्रयोजन". (5)

[VM381]

4. Write about the importance of preservation and dissection of a dead body. (5)
5. Explain Dooshitha shukra and arthava lakshanas. (5)
6. Explain : अंगुलिसङ्ख्येयम् अङ्गुलि सङ्ख्येयं च प्रमाणं । (5)

SECTION B

7. Define the term "अस्थि" and enumerate it's number. (5)
8. Write about the classification of "सन्धि". (5)
9. Describe the "Shoulder Joint". (5)
10. Explain the "portal vein". (5)
11. Write a note on gluteus muscles. (5)
12. Describe the स्वरूप, संख्या and महत्व of पेशी. (5)
13. Explain the terms 'कूर्च' and 'कण्ठगत'. (5)
14. Write about femoral artery and it's branches. (5)
15. Write about 'Adductors of the upper limbs'. (5)
16. Write about lymphatic circulation. (5)

NOVEMBER - 1994

[ND 686]

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

First Year

Part II

(Common to Old/New Regulation)

Paper V — RACHANA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. Write about the relationship between Shareera-Thraya and Koshapanchakam.
2. Relate Panchamahabhoota and Panchendriya.
3. Define Garbha. What are the Garbhotpadaka-Bhavas?
4. Describe the Bhroona Kalas (Embryonic membranes).
5. Describe the Lakshanas of Panchabhootas and analyse their mode of Anupravesha with one another.
6. What are Napumsaka's? — Describe each.
7. Describe the position, internal structure and hormonal function of Ovaries.

[ND 686]

8. State the amount of Rasadhatu and Raktam contained in the body.
9. Describe the bodily changes seen in a Rajaswala.
10. Describe the formation and structure of Placenta.

SECTION B

11. What are the different types of Ossification? Describe with examples.
12. Write the microscopic structure of compact bone and spongy bone. Give examples with diagrams.
13. Provide a comparative study between different types of Vertebrae.
14. Evaluate the position, muscular attachment and the general feature of the FEMUR.
15. Describe the ARCH of AORTA and its branches.
16. Differentiate between Dhamani and Sira.
17. What are the type of Muscles? Describe the microscopical structure of Cardiac muscle.
18. Write briefly about the Thoracic duct.
19. Describe the Pectoralis Major muscle.
20. Describe the various types of Kandaras.

APRIL - 1995

[SB 699]

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

First Year

Part II

(Common to Old/New Regulation)

Paper V - RACHANA SHAKREERA - I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. What are the constituents of Human Body according to Ayurveda? - Describe.
2. What is Garbha? Describe a 7 day old Garbha in detail giving emphasis to its microscopical structure.
3. Describe the factors responsible for the sex differentiation? Mention the modern concept in this regard.
4. Describe the structure and function of APARA (PLACENTA) and NABHI NALAM (UMBILICAL CORD).
5. Give an outline of FOETAL CIRCULATION with the aid of diagrams.

[SB 699]

SECTION B

6. What are the types of Ossification? Describe each with examples. Differentiate between Compact Bone and Spongy Bone.
7. Describe Humerus and TIBIA giving details of their position, attachments of ligaments, attachments of muscles and surgical importance.
8. Classify joints. Describe each with examples.
9. Describe Heart giving importance to its structure, position and relations.
10. Evaluate the structure of various types of muscles. Write briefly on the Pectoralis Major and Sternocleidomastoid muscles mentioning their origin, course, insertion, blood supply and nerve supply.

[M B 1069]

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

First Year

Part II

(Common to Old/New Regulation)

Paper V — RACHANA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. What are the Upadhatus — Define each with examples.
2. What are the Bhroonastharas (Embryonic membranes) — Give details of each.
3. Describe the process of Linga Bheda (Sex differentiation). Write down the modern concepts regarding Sex differentiation.
4. Give the anatomical structure of Aparas (Placenta) and its membranes (Stharas).
5. Give a detailed description on the structures concerned with Garbha Rakta Samvahanam. (Foetal Circulation)

[M B 1069]

SECTION B

6. Tabulate the various methods of classification of Asthi (Bones). Briefly describe each with examples.
7. Define the term Sandhi (Joint). Classify joints with examples.
8. Describe the Nitambasthi (Pelvic bone). What are the important ligaments attached to it?
9. Write on the surfaces, position and general structure of Hridaya (Heart).
10. Describe the Laseekasamvahanam Vyoocham (Lymphatic System).

APRIL - 1996

[A K1079]

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

First Year

Part II

(Common to Old/New Regulation)

Paper V — RACHANA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

They carry equal marks.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. Prove that Sareera is made up of Pancha Bhootas.
2. Define the term Garbha. What are the essential components required for Garbhasambhava. (conception).
3. Describe the structure of Nabhi Nadi (Umbilical cord) and its distribution inside the foetus.
4. Describe the types of fat tissue and their importance.
5. Compare the Anuvamstrika Sidhanta (Genetic Theory) described in Ayurvedic texts and modern texts.

[A K1079]

SECTION B

6. Describe the microscopic structure of a Bone. Describe a typical vertebra.
7. Classify Sandhis according to Susruta. — Describe an Ulookhala Sandhi.
8. Describe the Aorta (Mahadhamani) and its branches.
9. Summarise the peculiarities of venous drainage system inside the Cranial Cavity.
10. Write briefly on the following :
  - (a) Portal vein. (Sethu Sira)
  - (b) Thoracic duct. (रसकुल्य) Rasakulya.

APRIL - 1997

MP 1409

AYURVEDACHARYA (B.A.M.S.) EXAMINATION  
First Professional Course - Part II  
(New Regulations)  
Paper V - RACHANA 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.

Draw diagrams wherever necessary.

SECTION A

1. Describe the sookshma rachana of "Shukram and Ovum".
2. Write in brief on the following:
  - (a) Karmapurushah
  - (b) Shareerasya Shadangatwam.
3. Describe in detail "Garbha Vruddhikramam" as per Sushruta.
4. Write the sachitra vivaram of "Lālājala Grandhi" (Salivary glands).
5. Write about (a) Avabhasini, (b) Gavani (Ureter),  
(c) Brahma Grandhi (Pituitary gland).

SECTION B

6. Classify the "Asthi Sandhi" Vivarana. Explain the "Kurpara Sandhi" (elbow joint) with diagram.
7. Classify the bones and explain diagrammatically the "Thrikasti" (Sacrum)
8. What are the paired and unpaired bones in "Sivas" (skull)?
9. Explain diagrammatically the circulatory system (Rakta Vāha Samātanam) in the human body.
10. How will you preserve a cadaver (Mrutha Shareera) for the purpose of dissection?



APRIL - 1998

[SV 1309]

आयुर्वेदाचार्यः

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

First Professional Course

Part II

(New Regulations)

Paper V — RACHANA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions. They carry equal marks.

Answer either in English or Sanskrit.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. What are the Pancha Vimsathi Tatvas (Twenty five basic principles)?
2. Write the Lakshanas of Mathruja, Pithruja, Rasaja, Atmaja, Satvaja and Satmyaja in intra uterine life.
3. Write about Garbhasya Rakta Prasarana (Foetal blood circulation).
4. Describe Mruthasya Anga sodhanam (Preservation of dead body).
5. Write the followings in brief :
  - (a) Nabhi nadi (umbilical cord)
  - (b) Sudha Sukra and Sudharthava Lakshanas
  - (c) Garbhothpathi Samagri (Four requirements of conception).

SECTION B

6. Describe about the urdhva Prantha of urvasthi (The upper end of the femur).
7. Write about the Amsa Sandhi (Shoulder Joint).
8. Write about the Akshakadhara Dhamani (Sub-clavian artery).
9. Write about the origin, insertion, blood supply and nerve supply of Urahchada bruhathi and urahchada laghvi (Pectoralis major and Pectoralis minor)
10. Write the followings in brief :
  - (a) Asthi Sanghatas.
  - (b) Mamsa, Sira, Snayu and Asthi jalas.
  - (c) Prathama greeva kaseruka (Atlas).

OCTOBER - 1998

[SM 1309]

Sub. Code : 4621

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

First Professional Course

Part II

(New Regulations)

Paper V — RACHANA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions. They carry equal marks.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. Write about Saadharmya and Vaidharmya (Similarities and dissimilarities) of Prakruthi and Purusha.
2. Write about Garbhotpathi Swarupam (Formation of Zygote).
3. Describe Prathamadi dasama masa paryantha Garbha Swarupam (Monthwise Foetal development).
4. Write about Stree Purushadi Janana Karanam (Sex determination in foetal stage).
5. Write the followings in brief :
  - (a) Anjali Pramana
  - (b) Sareera and Saareera
  - (c) Karma Purusha.

SECTION B

6. Describe about the urdhva prantha of pragandasthi (upper end of the humerus).
7. Mention the types of Joints and write about Sronyudukhaha sandhi (hip joint).
8. Write about anthar and bahir Mathruka dhamanis (Internal and external carotid arteries).
9. Write about origin, insertion, action, blood supply and nerve supply of uruchaturasra peshi (Quadriceps femoris)?
10. Write the followings in brief :
  - (a) Prathanavathyadi snayus (Ligaments)
  - (b) Kurchas
  - (c) Seemanthas.

[SG 1309]

Sub. Code : 4621

आयुर्वेदाचार्यः

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

First Professional Course

Part II

(New/Revised Regulations)

Paper V — RACHANA SHAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

They carry equal marks.

Answer either in English or Sanskrit.

Answer Sections A and B in separate answer books.

Draw diagrams wherever necessary.

SECTION A

1. Write about "Ekadasa indrias" and describe karma purushudu.
2. Write about "Garbha, poshna and Masaanu masika urudhi (Fetal development).
3. Describe the "Asthisankyaya" and write the varieties of "Asthi".

4. Write the following in brief :

- (a) Nabhinadi
- (b) Amsaphalaka (Scapula)
- (c) Vayusa tunda

5. Write in detail of "Kapaala" skull.

SECTION B

6. Explain about "Adho mahasira".
7. Describe about Hip joint.
8. Describe the blood supply to "Hrudayam" heart.
9. Describe about
  - (a) Udara dandika
  - (b) Pragandhasthi.
10. Write about "Sandhi bheda" and write about "Janu sandhi".

OCTOBER - 1999

[KA 1309]

Sub. Code : 4621

(आयुर्वेदाचार्यः)

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

First Professional Course

Part II

(New/Revised Regulations)

Paper V — RACHANA SAREERA — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

Answer either in English or Sanskrit.

Answer Section A and B in separate answer books.

SECTION A

1. Describe Panchabhautikatwa (पञ्चभौतिकत्वम्) of Sareera.
2. Describe the lakshanas of Sudha Sukla and Arthava (शुद्ध शुक्लार्त्तवलक्षणानि). Define Garbha (गर्भम्).
3. Describe the female genital organs (स्त्रीप्रजननावयवाः).
4. Describe 'mandible' (अधोहन्वस्थि) with the help of diagram.

5. Write short notes on the following :

- (a) Cranium (करोटि)
- (b) Facial nerve
- (c) Placenta (अपरा)
- (d) Ligaments of Uterus (गर्भाशय बन्धिनी).

SECTION B

6. Classify Asthisandhi (joints). Describe the type of joints with examples.
7. Describe about the knee joint (जानु सन्धि).
8. Classify vertebrae. Describe a typical vertebra with the help of diagram.
9. Describe the muscles of respiration. Write their origin, insertion, blood supply, nerve supply and movements during respiration.
10. Write short notes on the following :
  - (a) Pericardium (हृदयावरण कला)
  - (b) Portal vein (प्रतिहारिणी सिरा)
  - (c) Tendon (कण्डरा)
  - (d) Trapezius muscle (पृष्ठच्छदा पेशी)

APRIL - 2000

[KB 1309]

(आयुर्वेदाचार्यः)

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

(Revised Regulations/New Regulations)

Part II

First Professional Course

Paper V — RACHANA SAREERA — I

Time : Three hours Maximum : 100 marks

Answer either in Sanskrit or English.

Answer Section A and Section B in separate  
answer books.

SECTION A

1. Answer any THREE questions : (3 × 10 = 30)
  - (a) Describe Panchabhautikata (पञ्चभौतिकत्वम्) of Sareera.
  - (b) Describe the lakshanas of Sudha Sukla and Arthava (शुद्ध शुक्लार्तव लक्षणानि). Define Garbha (गर्भम्).
  - (c) Describe the female Genital organs (स्त्रीप्रजननावयवाः).
  - (d) Describe 'Mardible' (अधोहन्वस्थि) with the help of diagram.

2. Write short notes of any FOUR questions :  
(4 × 5 = 20)

- (a) Cranium
- (b) Facial nerve
- (c) Placenta
- (d) Ligaments of uterus
- (e) Vagus nerve.

SECTION B

3. Answer any THREE questions : (3 × 10 = 30)
  - (a) Classify Asthi Sandhi (joints). Describe the types of joints with examples.
  - (b) Describe about the knee joint (जानु सन्धि).
  - (c) Classify Vertebrae. Describe a typical vertebrae with the help of diagram.
  - (d) Describe the muscles of respiration. Write their origin, insertion, blood supply, nerve supply and movements during respiration.
4. Write short notes on any FOUR questions :  
(4 × 5 = 20)
  - (a) Pericardium (हृदयावरण कता)
  - (b) Portal vein (प्रतिहारिणी सिरा)
  - (c) Tendon (कण्डरा)
  - (d) Trapezius Muscle (पृष्ठच्छदा पेशी)
  - (e) Pratharavathyadi srayus (Ligaments).

[KC 1309]

(आयुर्वेदाचार्यः)

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

(Revised Regulations/New Regulations)

Part II

First Professional Course

Paper V — RACHANA SAREERA — I

Time : Three hours Maximum : 100 marks

Answer either in Sanskrit or English.

Answer Section A and Section B in separate  
answer books.

While writing Sanskrit Devanagari script should be used.

Draw diagrams wherever necessary.

SECTION A

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

(a) इति भूतमवो देहः Explain.

(b) Describe the Chaturvimsathi Purusha  
(चतुर्विंशतिपुरुषः).

(c) Describe the foetal circulation.

(d) Describe the development of foetus according  
to Susruta.

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

(a) Describe the Radius.

(b) Write the origin, insertion and function of  
Sartorius.

(c) Describe the Coronary artery.

(d) Explain formation of Placenta.

(e) Describe the divisions of Anatomy.

SECTION B

3. Answer any THREE of the following : (3 × 10 = 30)

(a) Describe the Thoracic cage.

(b) Explain the shoulder joint and its functions.

(c) Describe the Abdominal Aorta with branches.

(d) Describe the Ham String muscles.

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

(a) Describe Tendo calcaneus.

(b) Describe Carpal bones.

(c) Define the Sira and Dhamani.

(d) Define Prakruthi.

(e) Explain Shatargas (षडंगः).