

21/07 Anatomy

MD

PATALGANGA - I : APRIL/MAY 2012 (2008 Course)
SUBJECT : AYURVEDIYAM RACHANA SHARIRA
PAPER - I

Day : Friday
Date : 01.06.2012

Time : 10.00 A.M. To 1.00 P.M.
Max. Marks : 100

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.

Antony

Long Essay:

(1 x 25)

- Q.1 Explain in detail about ossification of bones and write in detail about Hip Bone.

Short Essay:

(2x12.5)

- Q.2 Write in detail Knee Joint.
- Q.3 Describe in detail "Karma Purusha."

- Q.4 Write short notes on:

(10x 5)

- a) Planter Arches
- b) Tongue
- c) Valves of Heart
- d) Hamstring group of muscles
- e) Sesmoid bones
- f) External Genital organs of female
- g) Pranvaha Srotus
- h) Concept of Dhamani
- i) Blood supply of Heart
- j) Porta Hepatis

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PATALGANGA - I : APRIL/MAY-2012 (2008 Course)
SUBJECT : MARMA SHARIRAM SHARIR PRAMAN VIDGYANAM CH.
PAPER - II

Day : *Saturday*
Date : *02-06-2012*

Time : *10.00 A.M. To 1.00 P.M*
Max. Marks : 100

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.

Anatomy

Long Essay:

(1 x 25)

- Q.1** Describe "Sadya pranhar marma" in detail and add a note on importance of marma sharir in shalya tantra.

Short Essay:

(2x12.5)

- Q.2** Describe Panchbhoutikattwa and Vistar concept of marma in detail.

- Q.3** Describe "Udara Marmas" in detail

- Q.4** Write short notes on:

(10x 5)

- a) Vishalyaghna marma
- b) Kshipra marma
- c) Indra basti marma
- d) Vittap marma
- e) Krukatika marma
- f) Shrungataka marma
- g) Vidhura marma
- h) Trimarma
- i) Kukundar marma
- j) Aplap marma

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PATALGANGA: APRIL / MAY-2012 (2008 Course)

SUBJECT : GARBHAVKRANTI UTAKAVIGYANIYAM CH-ANYUVNSHIKI SAHITAM
~~PAPER-III~~

Day : Monday
Date : 04-06-2012

Time : 10:00 A.M. To 1:00 P.M.
Max. Marks : 100

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.

Anatomy

Long Essay:

[1 x 25]

- Q.1 Define and explain the definition of GARBHA according to sushrutacharya and describe monthly development of foetus in detail.

Short Essay:

[2 x 12.5]

- Q.2 Describe "Fertilization" in detail according to Embryology.
- Q.3 Describe the development of Brain and Spinal cord according to Embryology in detail.

Q.4 Short Notes:

[10 x 5]

- a) Ritu
- b) Aparā and Garbhābhinādi
- c) Pūsamhan Vidhi
- d) Douhruddha (Pica)
- e) Beej
- f) Derivatives of midgut
- g) Amniotic fluid
- h) Nurition of embryo upto 1st 3month of foetal life
- i) Kshetra
- j) Sadyogrihita Garba Lakshanani

PATALGANGA: APRIL / MAY - 2012 (2008 Course)
SUBJECT: TANTRA SHARIRGAT SRVI GRANTHI VIDGYANIANAM Ch
PAPER IV

Day : Tuesday
Date : 05-06-2012

Time : 10.00 A.M. To 1.00 P.M.
Max. Marks : 100

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.

Anatomy

Long Essay:

[1 x 25]

Q.1 Describe Ventricular system of Brain in detail.

Short Essay:

[2 x 12.5]

Q.2 Describe Mid Brain in detail.

Q.3 Describe Cerebellum in detail.

Q.4 Short Notes:

[10 x 5]

- a) Ida Pingala Nadi
- b) Pitutary gland
- c) Internal capsule
- d) Fibres of Cerebral Gemisphere
- e) Middle Meningeal Artery
- f) Occulomotor Nerve
- g) Thyroid gland
- h) Sacral plexus
- i) Diencephalon
- j) Circle of Willis

PATALGANGA-I: ~~April-May~~ 2012 (2009 Course)
SUBJECT : AYURVEDIYA RACHANA SHARIRA PAPER-I

Day : Friday
Date : 01.06.2012

Time : 10.00 A.M. To 1.00 P.M.
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw neat labeled diagrams wherever necessary.

Anatomy

Long Essay Question

(1 × 25 marks)

- Q.1** Define Sandhi and write its types numbers according to Samhita and modern concept. Describe the Shoulder joint in detail with diagram.

Short Essay Questions

(2 × 12.5 marks)

- Q.2** Explain – “Shankha nabhyaakruti yoni tryavarta”.
- Q.3** Define Srotas and explain their features, types and numbers according to samhita and explain the ‘Raktavaha Srotas.’

Write short notes on

(10 × 5 marks)

- Q.4** Twaka sharir as per Sushruta and Charak.
- Q.5** Nerve supply of tongue.
- Q.6** Bronchopulmonary segments.
- Q.7** Tridoshamayatvam.
- Q.8** Avedhya sira.
- Q.9** Laryngeal cartilages.
- Q.10** Tintiae coli.
- Q.11** Ossification.
- Q.12** Blood supply of – Stomach.
- Q.13** Sharirasya panchabhoutikatva.

PATALGANGA-I: April-May-2012 (2009 Course)
SUBJECT : MARMA SHARIR EVAM SHARIR PRAMANA VIGYAN PAPER-II

Day : Saturday
Date : 02.06.2012

Time : 10.00 A.M. To 1.00 P.M.
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw neat labeled diagrams wherever necessary.

Anatomy

Long Essay Question

(1 × 25 marks)

- Q.1 Explain Trimarma Sankalpana in detail.

Short Essay Questions

(2 × 12.5 marks)

- Q.2 Explain - Dwividha Marma in detail.
Q.3 Describe Panchabhoutik constitution of marma.

Write short notes on

(10 × 5 marks)

- Q.4 Marma Praman.
Q.5 Ani marma.
Q.6 Vitap marma.
Q.7 Sira marma.
Q.8 Simanta marma.
Q.9 Indrabasti marma.
Q.10 Vaikalyakar marma.
Q.11 Marmabhighat
Q.12 Importance of marma in shalya.
Q.13 Phana marma.

PATALGANGA-I: April-May-2012 (2009 Course)
SUBJECT : GARBHAVAKRANTI AUR ANUVANSHIKI SHARIR SAHITAM UTAK
VIGYANIYAM PAPER-III

Day : Monday
Date : 04.06-2012

Time : 10.00 A.M. To 1.00 P.M.
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw neat labeled diagrams wherever necessary.

Anatomy

Long Essay Question

(1 × 25 marks)

- Q.1 Define Garbha. Explain Nutrition of foetus according to samhita and modern.

Short Essay Questions

(2 × 12.5 marks)

- Q.2 Describe spermatogenesis and Oogenesis.
Q.3 Describe the development of Garbha during the 4th month.

Write short notes on

(10 × 5 marks)

- Q.4 Ambu
Q.5 Jarayu.
Q.6 Aparu.
Q.7 Post natal changes in foetal circulation.
Q.8 Punsavanvidhi.
Q.9 Kalal awastha.
Q.10 Concept of stem cell.
Q.11 Umbilical cord. (Nabhi-nadi)
Q.12 Implantation.
Q.13 Kshetra.

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PATALGANGA-I April-May-2012 (2009 course)
SUBJECT : TANTRASHARIR EVAM ANTAH STRAVI GRANTHI VIGYANIYA
PAPER-IV

Day : Tuesday
Date : 05-06-2012

Time : 10.00 A.M. To 1.00 P.M.
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw neat labeled diagrams wherever necessary.

Anatomy

Long Essay Question

(1 × 25 marks)

- Q.1** Explain the external and internal features of Cerebral hemisphere in detail with diagram.

Short Essay Questions

(2 × 12.5 marks)

- Q.2** Describe the anatomy of pons with applied aspect.
- Q.3** Describe the ventricular system with neat diagram.

Write short notes on

(10 × 5 marks)

- Q.4** Corpus callosum.
- Q.5** Neuron.
- Q.6** Synapse.
- Q.7** Fascial nerve.
- Q.8** Spinal nerves.
- Q.9** Brachial plexus.
- Q.10** Caudate nucleus.
- Q.11** Commissure fibres.
- Q.12** Optic nerve.
- Q.13** Red nucleus.

PATALGANGA – I (2012 COURSE) : SUMMER – 2015
SUBJECT : PAPER – II : KOSHTHANG, SIRI, DHAMANI, SROTAS SHARIR

Day : Tuesday
Date : 09-06-2015

Time : 10:00 A.M. TO 1:00 P.
Max. Marks : 100

N.B.

- 1) Draw neat and labeled diagrams wherever necessary.

(Shashi Rastogi)

Long Answer Questions (Any 3 X 20 Marks Each = 60 Marks)

- Q.1** Explain urinary bladder with Ayurved and modern aspects.
- Q.2** Write definition and types of Sira, Dhamani and Srotas along with difference among them.
- Q.3** Describe lungs with its lobes, fissures, relations and bronchopulmonary segments with applied anatomy.
- Q.4** Define Koshtha, write the names of Koshtangas according to Charak and describe anatomy of kidney in detail.

Short Answer Questions (Any 2 X 10 Marks Each = 20 Marks)

- Q.5** Describe anatomy of last two parts of large intestine.
- Q.6** Explain testes with clinical aspects.
- Q.7** Throw light on anatomy of spleen with applied anatomy.

Short Notes (Any 4 X 5 Marks Each = 20 Marks)

- Q.8** Trachea
- Q.9** Oesophagus with its constrictions.
- Q.10** Peritoneum with its clinical aspects.
- Q.11** Bahirmukha srotas
- Q.12** Spermatic cord

RAVI – I: (2012 COURSE): SUMMER – 2015
SUBJECT: PAPER – II: RACHANA SHARIR

Day: Wednesday
Date: 10-06-2015

Time: 10.00 A.M. To 1.00 P.M.
Max. Marks: 100

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Use **SEPARATE** answer sheets for each section.
- 3) Draw diagrams **WHEREVER** necessary.

SECTION – A

Long Answer Question (LAQ) 2 x 15 = 30 marks

- Q.1 Elaborate Garbha poshan with Masanu masak Garbha vriddhi. (15)
- Q.2 Explain “Dhatu bheden Purush Sanghatana”. (15)

Short Answer Questions (SAQ) 1 x 10 = 10 marks

- Q.3 Describe Garbha Vridhikar Bhava. (10)

Short notes 2 x 5 = 10 marks

- Q.4 Write short notes on **ANY TWO** of the following: (10)
- a) Yamal Garbha
 - b) Shudhha Artav Laxanami
 - c) Types of Tissue

SECTION - B

Long Answer Question (LAQ) 2 x 15 = 30 marks

- Q.5 Elaborate concept of Srotasa with basic difference between Sira-Dhami-Srotas. (15)
- Q.6 Describe “Shatchakra and its applied aspect. (15)

Short Answer Questions (SAQ) 1 x 10 = 10 marks

- Q.7 Explain Mrita Shodhan and Mrita Samarakshana. (10)

Short notes 2 x 5 = 10 marks

- Q.8 Write short notes on **ANY TWO** of the following: (10)
- a) Astavidha Sandhi Prakara
 - b) Peshi Prakara
 - c) Ida and Pingala

PATALGANGA – I (2012 COURSE) : SUMMER – 2015
SUBJECT : PAPER – I : GARBHA SHARIR

Day : Monday
Date : 08-06-2015

Time : 10.00 A.M. To 1.00 P.M.
Max. Marks : 100

N.B.

- 1) Draw neat and labeled diagrams wherever necessary.

Long Answer Questions (Any 3 X 20 Marks Each = 60 Marks)

- Q.1** Describe in detail concept of Garbha poshan according to Ayurved and Modern.
- Q.2** Define Garbha. Throw light on Garbhotpadak bhavas according to Charak and Sushruta.
- Q.3** Elaborate masanumasiki garbha parivridhi along with modern monthly developmental features.
- Q.4** Illustrate Beeja, Beejbhaga and Beejabhagavayava along with modern laws of heredity.

Short Answer Questions (Any 2 X 10 Marks Each = 20 Marks)

- Q.5** Explain structure of ovum along with oogenesis.
- Q.6** Throw light on teratology.
- Q.7** Explore the derivatives of '3' germ layers.

Short Notes (Any 4 X 5 Marks Each = 20 Marks)

- Q.8** Concept of cleavage
- Q.9** Sadyogrihitgarbha versus Vyaktagarbha lakshanani.
- Q.10** Concept of Kala
- Q.11** Concept of induction with example.
- Q.12** Development of tongue.

PATALGANGA – I (2012 COURSE) : SUMMER – 2015
SUBJECT : PAPER – III : MARMA EVUM ASTHI, SANDHI, SANDHI, PESHI SHARIR

Day : Thursday
Date : 11-06-2015

Time : 10:00 A.M. To 1:00
Max. Marks : 100
P.M.

N.B.

- 1) Draw neat and labeled diagrams wherever necessary.
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Long Answer Questions (Any 3 X 20 Marks Each = 60 Marks)

- Q.1 Write classification of joints and explain shoulder joint with its structure, ligaments, movement and clinical aspects.
- Q.2 Explain in brief hip bone and write differences between male and female pelvis with its applied aspect.
- Q.3 Explain muscles of superficial compartment of anterior aspect and deep compartment of posterior aspect of forearm with origin, insertion nerve supply and action in brief.
- Q.4 Write Nirukti and definition of marma. Throw light on concept of vishalyaghna and rujakar marma.

Short Answer Questions (Any 2 X 10 Marks Each = 20 Marks)

- Q.5 Describe typical and atypical cervical vertebrae .
- Q.6 Illustrate the concept of skeleton.
- Q.7 Explain sternum with its clinical aspects.

Short Notes (Any 4 X 5 Marks Each = 20 Marks)

- Q.8 Sandhi prakaras
- Q.9 Iliotibial tract
- Q.10 Prime movers of ankle joint
- Q.11 Importance of marma in shalyatantra
- Q.12 Sheath of rectus abdominis.

