

Rajiv Gandhi University of Health Sciences

I Year B.H.M.S Degree Examination – SEP -2016

Time: Three Hours

Max. Marks: 100 Marks

HUMAN ANATOMY – Paper-II (RS4)

QP Code: 1452

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Describe definition and layers, parts, blood and nerve supply, and applied anatomy of pleura.
2. Describe location, external features, relations and applied anatomy of kidney.

SHORT ESSAY

10 X 5 = 50 Marks

3. Describe the superficial perineal pouch.
4. Describe the morphology of ovary.
5. Name the abductors of the Hip joint. Write about the applied anatomy.
6. Explain the course, relations and branches of Dorsalis Pedis artery.
7. Describe the histology of lymphnode.
8. Describe the histology of supra renal gland.
9. Mention the origin, insertion, action and nerve supply of Diaphragm.
10. Describe the morphology of second part of duodenum.
11. Describe formation and branches of deep palmar arch.
12. Mention the origin, insertion, action and nerve supply of External oblique muscle.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Mention the constrictions of the ureter.
14. Enumerate the structures in the spermatic cord.
15. Name the muscles attached to the linea aspera.
16. Mention the parts of quadriceps femoris.
17. Name the muscles supplied by deep peroneal nerve.
18. Mention the contents of adductor canal.
19. Mention the importance of sternal angle.
20. Define trabeculae carneae.
21. Describe the bare area of liver.
22. Mention the boundaries of epiploic foramen.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - MAY 2016

Time: Three Hours

Max. Marks: 100 Marks

MOULIKA SIDDHANTHA EVAM ASHTANGA HRIDAYA (Revised Scheme – 4)

Q.P. CODE: 3008

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary
(Note: Use the same theory answer scripts for writing Part A and Part B)

Part – A (60 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

1. Discuss Chikitsa Chatushpada in detail with importance of vaidya.

SHORT ESSAYS

7 x 5 = 35 Marks

2. Narrate Dantadhavana in detail
3. Explain trividha rogamarga and their related diseases.
4. Name Dharaneeya vega and narrate its importance
5. Qualities of Gangambu and samudrambu.
6. Alasaka visuchika laxana and chikitsa
7. Parthiva dravya guna karma
8. Pancha pitta lakshana

SHORT ANSWERS

5 x 2 = 10 Marks

9. Vishadata laxana
10. Define Shodhana with its types
11. Udvardana guna
12. Langhana bheda
13. Rogapariksha

Part – B (40 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

14. Explain Basti vidhi in detail

SHORT ESSAYS

3 x 5 = 15 Marks

15. Peyadi krama
16. Srushti utpatti krama as per charaka
17. Murdhini taila bheda and shirobasti vidhi

SHORT ANSWERS

5 x 2 = 10 Marks

18. Kshara guna
19. Contra Indications of Siravyadha
20. Yantra karma
21. Pratimarsha nasya
22. Benefits of Aschottana

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - SEP -2016

Time: Three Hours

Max. Marks: 100 Marks

Padartha Vignana evam Ayurveda Itihasa, PAPER-II (Revised Scheme – 4)

Q.P. CODE: 3002

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary
(Note: Use the same theory answer scripts for writing Part A and Part B)

Part – A (75 Marks)

LONG ESSAYS

2 x 15 = 30 Marks

1. Explain Anumana gamya bhavas and their utility in diagnosis.
2. Explain the Karya Karana siddhantha of Ayurveda.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Explain Hetwadi panchaka.
4. Explain the use of yukthi pramana in Ayurveda.
5. Explain the concept of Pancha bhouthikatva of Indriya.
6. Explain Buddhi.
7. Explain vivarta vada.
8. Explain Samanyathodrishta
9. Explain Parikshavidhi.

SHORT ANSWERS

5 x 2 = 10 Marks

10. Chakshurindriya
11. Manas
12. Pancha Panchaka
13. Pitara paka
14. Samavaya Sannikarsha

Part – B (25 Marks)

SHORT ESSAYS

3 x 5 = 15 Marks

15. Explain the salient features of Bhaishajya Ratnavali.
16. Explain the contribution of kaviraj Gangadhara Roy.
17. Explain Ayurveda in Srilanka.

SHORT ANSWERS

5 x 2 = 10 Marks

18. Yogindranath Sen
19. Swami Laxmiram
20. Write about BHU (Varanasi)
21. Nagarjuna
22. Hareeta Samhita

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - May 2016

Time: Three Hours

Max. Marks: 100 Marks

Padartha Vignana evam Ayurveda Itihasa, PAPER-II (Revised Scheme – 4)

Q.P. CODE: 3002

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary
(Note: Use the same theory answer scripts for writing Part A and Part B)

Part – A (75 Marks)

LONG ESSAYS

2 x 15 = 30 Marks

1. Define and explain Karya and kaarana and write the significance of Karya-kaarana siddhanta in Ayurveda.
2. Define Anumana, its types and explain Hetwabhasa.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Define Yukti and write its significance in Ayurveda.
4. Define Prama, Prameya and Pramata and pramana.
5. Explain the types of Sannikarsha.
6. Define Upamana, its types and importance in Ayurveda.
7. Discuss Pratyaksha anupalabdhi kaaranam.
8. Write the number and name of Pramana according to different acharyas.
9. Enumerate and classify Indriya.

SHORT ANSWERS

5 x 2 = 10 Marks

10. Vakyartha jnana hetu
11. Define Pramana.
12. Define Pakshadharmata.
13. Write about Tarka.
14. Enumerate Trayodasha karana.

Part – B (25 Marks)

SHORT ESSAYS

3 x 5 = 15 Marks

15. Write about Samhita Kaala.
16. Explain the activities of WHO in promoting Ayurveda.
17. Write about Globalization of Ayurveda.

SHORT ANSWERS

5 x 2 = 10 Marks

18. Write about Chakrapani.
19. Name the commentators of Sushruta Samhita.
20. Write about Madhava kara.
21. Name Laghutrayee and Brihatrayee.
22. Write about Banaras Hindu University.

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I Year B.A.M.S Degree Examination - May 2016

Time: Three Hours

Max. Marks: 100 Marks

Padartha Vignana evam Ayurveda Itihasa, PAPER-I (Revised Scheme – 4)

Q.P. CODE: 3001

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary
(Note: Use the same theory answer scripts for writing Part A and Part B)

Part – A (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

1. Explain the philosophical background of fundamentals of Ayurveda.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Prithvi mahabhoota and its classification
3. Dik and its significance in Ayurveda
4. Agni mahabhoota and its classifications
5. Classification of Atma as per Ayurveda
6. Mano vishaya

SHORT ANSWERS

5 x 2 = 10 Marks

7. Ayu lakshana
8. Kaala classification
9. Kaarana dravya
10. Akasha
11. Definition of Siddhanta

Part – B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Derivation, definition and classification of Guna and explain parade gunas in detail.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Vishesha – lakshana and bheda with example
14. Applied study of Karma as per Ayurveda
15. Abhava – lakshana, bheda and importance in Ayurveda
16. Sadharmya and Vaidharmya of Guna
17. Pravrutirubhayasyatu

SHORT ANSWERS

5 x 2 = 10 Marks

18. Samanya Vargeekarana
19. Samavaya
20. Sankhya – Samyoga
21. Ruksha – Snigdha
22. Teekshna – Manda

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - MAY 2016

**Time: Three Hours
Marks**

Max. Marks: 100

SHAREERA KRIYA, PAPER-II (Revised Scheme – 4)

Q.P. CODE: 3005

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary
(Note: Use the same theory answer scripts for writing Part A and Part B)

Part – A (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

1. Define Upadhatu, name them and explain their formation in general. Write about twak in detail.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Describe Majja dhatu.
3. Define mala. Enumerate them and describe sweda.
4. Define nidra and explain the physiological importance.
5. Describe rakta dhatu with its formation and functions.
6. Ksheera dadhi nyaya

SHORT ANSWERS

5 x 2 = 10 Marks

7. Specific locations of medo dhatu
8. Shukravaha srotas
9. Twak saara purusha
10. Vriddhi and kshaya of maamsa dhatu
11. Shuddha artava lakshanas

Part – B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Explain Erythropoiesis in detail and write about the structure and functions of RBC.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Mention the types of muscles and explain about skeletal muscles.
14. Functions of testis as endocrine gland
15. Control of micturition
16. Hormones of posterior pituitary gland
17. Cardiac output and its regulation

SHORT ANSWERS

5 x 2 = 10 Marks

18. Composition of urine
19. Functions of platelets
20. Innate immunity
21. Plasma proteins
22. Sweat glands

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - MAY 2016

**Time: Three Hours
Marks**

Max. Marks: 100

SHAREERA KRIYA, PAPER-I (Revised Scheme – 4)

Q.P. CODE: 3004

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary

(Note: Use the same theory answer scripts for writing Part A and Part B)

Part – A (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

1. Nirukti (derivation), Lakshana (definition), Guna (properties), Karma (Functions), Sthaana (Locations) vridhhi and kshaya lakshana of Vata dosha.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Characteristics features of Pitta prakruti purusha.
3. Write a note on ashta aahara vidhi vishesha ayatanas.
4. Write a note on Avasthapaka.
5. Definition and types of Agni.
6. Write a note on Loka purusha samya vaada.

SHORT ANSWERS

5 x 2 = 10 Marks

7. Definition of Shareera.
8. Types of Kapha dosha.
9. Write about Rutu-Dosha sambandha.
10. Kapha ksheena lakshana.
11. Etiological factor for Pitta vridhhi.

Part – B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Explain in detail about mechanism of Homeostasis.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Physiology of gustation
14. Physiology of Sleep.
15. Digestion and metabolism of Fats.
16. Functions of Intestine in the process of digestion and absorption.
17. Transport of oxygen and carbon dioxide

SHORT ANSWERS

5 x 2 = 10 Marks

18. Sources of Vitamin K.
19. Functions of Vitamin D.
20. Definition of peristalsis
21. Functions of Salivary gland.
22. Definition of Neuron.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - May 2016

Time: Three Hours

Max. Marks: 100 Marks

Shareera Rachana, Paper-II (Revised Scheme 4)

Q.P. CODE: 3007

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

(Note: Use the same theory answer scripts for writing Part A and Part B)

Part – A (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

1. Enumerate the structures of the Male Reproductive system. Explain the structure of Penis and its applied aspects.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Explain the location, external features and importance of the Thymus gland.
3. Explain the internal structure of the Kidney.
4. With a neat diagram, explain the Ligaments of the Liver.
5. Write a note on Diaphragm.
6. Write a note on the Bronchial Tree.

SHORT ANSWERS

5 x 2 = 10 Marks

7. What is Trigone?
8. Write the course and anatomical relation of the Common Bile Duct.
9. What is Tenia coli? How is it formed?
10. With a neat diagram, show the blood supply to the Stomach.
11. Enumerate the cartilages of the Larynx.

Part – B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Name the organs of Peripheral Sensory Perception. Explain in detail the structure of the Skin with a special note on the type and distribution of Hair.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Explain the location, external features and Nuclear Mass of the Cerebellum.
14. What is Major Motor Decussation? What is its clinical importance?
15. Explain the location, parts and clinical importance of the Tympanic Membrane in detail.
16. Explain the location, and external features of the tongue with a special note on the muscles and nerves responsible for movement and taste perception by the tongue.
17. Write a note on the important nuclear masses of the Brain Stem.

SHORT ANSWERS

5 x 2 = 10 Marks

18. What is Facial Colliculi?
19. Write a note on Optic Chiasma.
20. Explain Dermis.
21. What is Conus Medullaris?
22. What is the location, formation and functional importance of the Vitreous body?

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I Year B.A.M.S Degree Examination - May 2016

**Time: Three Hours
Marks**

Max. Marks: 100

SHAREERA RACHANA, PAPER-I (Revised Scheme – 4)

Q.P. CODE: 3006

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary

(Note: Use the same theory answer scripts for writing Part A and Part B)

Part – A (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

1. Define garbha. Write garbhadhan and explain in detail masanumasika garbhavriddhikrama.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Sushrutokta sandhiprakaras with examples
3. Twak shareera
4. Garbhotpadakabharas
5. Shat-chakras
6. Annavaha Srotas

SHORT ANSWERS

5 x 2 = 10 Marks

7. Definition of Indriya
8. Karma purusha
9. Pittadhara kala
10. Linga vinischaya
11. Seevani

Part – B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Write the types of joints and explain in detail knee joint with its ligaments, movements and clinical aspects.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Explain pubis bone.
14. Deep cervical fascia
15. Hamstring muscles
16. Right atrium and its tributaries
17. Stages of fertilization

SHORT ANSWERS

5 x 2 = 10 Marks

18. Short bone
19. Superior mesentric artery
20. Anatomical planes
21. Bursa
22. Axillary lymph nodes
