

Rajiv Gandhi University of Health Sciences, Karnataka

I Professional B.A.M.S Degree Examination - SEP-2017

Time: Three Hours

Max. Marks: 100 Marks

ASTANGA HRIDAYA

Q.P. CODE: 1283

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

LONG ESSAYS

2 x 11 = 22 Marks

1. Explain Vamana procedure in detail.
2. Explain Vata Dosha Nirukti, Guna, Sthana and Vata Dosha Upakrama.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Write about Dashamoola
4. Discuss Sneha Vyapad
5. Explain Niragni Sweda
6. Enlist Virechana indications
7. Write about Chardi vega Avarodha, its chikitsa
8. Explain Chikitsa Chatushpada
9. Discuss Visuchika and Alasaka
10. Explain Matra Basti
11. Classify yantra and explain about Swastika Yantra
12. Enlist Bandha Prakara

SHORT ANSWERS

14 x 2 = 28 Marks

13. What is Guru cha Apatarpanam?
14. Write Aama Visha Lakshana
15. Write the functions of Ranjaka Pitta
16. Write the benefits of Udvartanam
17. Write Kawala vidhi
18. Write about Pratimarsha Nasya
19. Classify Rutus
20. Write about Madhura rasa
21. Enumerate Panchakarma
22. Write Kshara Gunas
23. What is Hamsodaka
24. Write the benefits of vyayama
25. Write Dhoomapana bedha
26. Write about Samsarjana krama

Rajiv Gandhi University of Health Sciences

I Year B.H.M.S Degree Examination – SEP 2017

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 the extent, relations, arterial supply, venous drainage and applied anatomy of oesophagus.
2. Describe the layers, folds and ligaments, functions and applied anatomy of Peritoneum.

SHORT ESSAY

10 X 5 = 50 Marks

3. Describe the divisions of the prostate gland and their applied anatomy.
4. Describe the female urethra.
5. Name the Hamstring muscles. Mention their attachments, action and nerve supply.
6. Mention the origin, insertion, action and nerve supply of Tibialis anterior muscle.
7. Describe the histology of artery.
8. Describe the histology of testis.
9. Draw and label the features of the typical rib.
10. Explain the attachments, contents and significance of greater omentum.
11. Explain the formation and contents of rectus sheath.
12. Describe the features of typical lumbar vertebra.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Describe the ligament of ovary.
14. Mention the divisions of perineum with the help of a diagram.
15. Describe the saphanous opening.
16. Name the muscles attached to the iliotibial tract.
17. Name the tarsal bones.
18. Mention the course and branches of obturator artery.
19. Describe supra pleural membrane.
20. Describe the chordae tendinae.
21. Describe the cremaster muscle.
22. Describe renal sinus.

* * * * *

Rajiv Gandhi University of Health Sciences

I Year B.H.M.S Degree Examination – SEP-2017

Time: Three Hours

Max. Marks: 100 Marks

HUMAN ANATOMY – Paper-I (RS4)

QP Code: 1451

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Describe articulating surfaces, ligaments, action, applied aspect of Temporo Mandibular joint.
2. Describe course, relation, branches, applied aspect of Ulnar nerve.

SHORT ESSAY

10 X 5 = 50 Marks

3. Classify the muscle tissue.
4. Define the processes of ossification in brief.
5. Describe the Haversian system of bone.
6. Name parts, functions of Corpus callosum.
7. Describe the formation of blastocyst.
8. Describe the features of lateral wall of the nose.
9. Describe the structures passing through the parotid gland.
10. Describe the origin, course and distribution of the spinal accessory nerve.
11. Describe the origin, insertion, nerve supply and actions of trapezius muscle.
12. Describe the formation and branches of superficial palmar arch.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Draw and label the parts of mitochondria.
14. Classification of bones based on structure.
15. Mention the contents of interpeduncular fossa.
16. Mention the intra-cerebellar nuclei.
17. Name the boundaries of the fourth ventricle.
18. Define urachus.
19. Describe decidua.
20. Name the dural venous sinuses.
21. Mention the contents of the middle ear cavity.
22. Write clinical anatomy of brachial artery.

* * * * *

Rajiv Gandhi University of Health Sciences

I Year B.A.M.S Degree Examination – SEP-2017

[Time: 3 Hours]

[Max. Marks: 100]

PADARTHA VIGNANA, PAPER – II (OS & RS)

QP Code: 1253

Use the same theory Answer scripts for writing part A and Part B

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Part – A

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Define and classify Anumana, explain Charakokta Anumana gamya bhava.

SHORT ESSAY

5 X 5 = 25 Marks

2. Write a note on scope and limitations of Pratyaksha.
3. Explain yukti pramana.
4. Classify and explain Sannikarsha.
5. Explain Apta lakshana.
6. Define and explain Upamana pramana with examples.

SHORT ANSWERS

7 X 2 = 14 Marks

7. What is Yuktha and yunjana?
8. What is Savikalpa pratyaksha?
9. What is Arthapatti?
10. What is Abhida?
11. Define pramana.
12. Differentiate anvaya and vyatireka vyapti.
13. What is Sadhetu?

Part – B

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

14. Define Tantrayukti, enlist them and explain their importance in Samhita adhyayana with suitable examples.

SHORT ESSAY

5 X 5 = 25 Marks

15. Write differences between Satkarya vada and Asat karya vada.
16. Write a note on Trividha kaarana, with examples.
17. Write a note on Ashta prakruthi.
18. Explain srusthi utpatti as per Ayurveda.
19. Explain sushrutokta shad kaarana.

SHORT ANSWERS

7 X 2 = 14 Marks

20. What is buddhi tatva?
21. What is bijadharmini?
22. Define anekantha.
23. Enlist the pramana used to prove the punarjanma.
24. Enumerate four tantrayukti proposed by Bhattara harichandra
25. What is Tantrayukti ?
26. Enumerate sapta kalpana.

Rajiv Gandhi University of Health Sciences

I Year B.A.M.S Degree Examination – SEP 2017

[Time: 3 Hours]

[Max. Marks: 100]

PADARTHA VIGNANA, PAPER – I [OS & RS]

QP Code: 1252

Use the same theory Answer scripts for writing part A and Part B

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Part – A

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Define Darshana, classify and explain Sankhya Darshana.

SHORT ESSAY

5 X 5 = 25 Marks

2. Discuss the importance of kaala in Ayurveda.
3. Classify Dravya, differentiate between anthaschetana and bahiranthaschetana dravya.
4. Explain Atma lakshana.
5. Define Dik, write the applied aspects of Dik.
6. Prove the anutva and ekatva of manas.

SHORT ANSWERS

7 X 2 = 14 Marks

7. What are Padartha lakshana?
8. Write Antah karana chatushtaya.
9. Write the relation between trigunas and panchamahabhutas.
10. What is Bhutanupravesha?
11. Write lakshanas of manas.
12. What are purusharthas?
13. What is prayojana of Ayurveda?

Part – B

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

14. Define Karma, classify laukika karma and explain the importance of karma in Ayurveda.

SHORT ESSAY

5 X 5 = 25 Marks

15. Enlist guna according to charaka samhita.
16. Classify and explain Abhava Padartha with examples.
17. Guna's as per Vaisheshika Darshana.
18. Write applied aspect of samavaya padartha.
19. Discuss samanya vishesha siddhantha.

SHORT ANSWERS

7 X 2 = 14 Marks

20. What is Abhyasa?
21. What is pravruttribhayasya tu?
22. Differentiate between vishada and slakshana.
23. What is Rasanugraha?
24. What is Iccha?
25. Enumerate Sartha guna
26. What is Samskara?

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - SEP-2017

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. Enumerate the Pramana according to different Acharyas and explain Ayurvedokta pramana with its clinical importance.
2. Explain Satkarya Vada and its application in chikitsa.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Explain Pratyaksha Badhaka Bhava.
4. Define yukti and explain its utility in chikitsa.
5. Pancha avayava Vakya
6. Paramanu vada
7. Shabdha Pramana
8. Explain Hetu in detail
9. Shabdharth Bodhaka Vrithi and its importance

SHORT ANSWERS

5 x 2 = 10 Marks

10. Vyapti
11. Enlist Trayodhasha Karanas.
12. Define pareeksha.
13. Define Upamana and mention its types.
14. Paramarsha

Part – B (25 Marks)

SHORT ESSAYS

3 x 5 = 15 Marks

15. TKDL
16. Write about Samhita Kaala.
17. Dhanwantari-Sampradaya

SHORT ANSWERS

5 x 2 = 10 Marks

18. Arunadatta
19. Nagarjuna
20. Dr.P.M Mehata
21. Bhavamishra
22. Drugs and cosmetic act

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - SEP-2017

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. Classify Dravya. Explain Panchamahabhoota and its importance.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Atma laxana
3. Padartha according to Nyaya darshana
4. Siddhanta
5. Explain Sthanas of Manas.
6. Dik and its importance

SHORT ANSWERS

5 x 2 = 10 Marks

7. Kaala
8. Darshana bheda
9. Kaarana roopa padartha
10. Mano vishaya
11. Ayu and its components

Part – B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Explain Shareerika gunas in detail.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Adhyatma gunas
14. Samkhya – parimana
15. Samavaaya
16. Abhava
17. Explain Karma.

SHORT ANSWERS

5 x 2 = 10 Marks

18. Prayatna
19. Guna laxana
20. Abhyasa
21. Saamanya bheda
22. Sparsha guna

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - SEP-2017

Time: Three Hours

Max. Marks: 100 Marks

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. Describe different theories related to dhaathu poshana.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Twak saara purusha lakshana.
3. Paanchabhoutikatva in different gunas of rakta dhaatu.
4. Upadhaatu, mala and srotomula of medo dhaatu.
5. Pramaanas of upadhaatu and mala
6. Nidrotpatti and bheda

SHORT ANSWERS

5 x 2 = 10 Marks

7. Nirukti of manas.
8. Gunas of Ojus
9. Name the Indriyas
10. Define purusha
11. Shuddha stanya lakshana

Part – B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Explain oogenesis, ovulation and menstrual cycle in detail.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Physiology of skeletal muscle
14. Functional anatomy of urinary tract.
15. Define and classify exocrine glands
16. Coagulation of blood
17. Spermatogenesis

SHORT ANSWERS

5 x 2 = 10 Marks

18. Define anaemia
19. Stroke volume
20. Heart sounds
21. What is Goitre
22. ADH (anti diuretic hormone)

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - SEP-2017

Time: Three Hours

Max. Marks: 100 Marks

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. Describe the samanya guna, karma, sthana and types of vata, pitta and kapha. Write the description of prana vayu.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Explain about pancha bhautika siddhanta and write relation between triguna, tridosha and pachamahabhuta.
3. Describe loka – purusha samyata.
4. Write a detailed note on classification of purusha.
5. Explain relation of tridoshas with shadrasa. Explain the effects of aho, ratri, vaya, ahara sevana and rutu on tridosha.
6. Describe pachaka pitta.

SHORT ANSWERS

5 x 2 = 10 Marks

7. Functions of Agni
8. Name the ahara parinamakara bhavas.
9. Write a brief note on Pittadhara kala.
10. How doshas are produced?
11. Role of bhutagni

Part – B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Define ventilation. Describe mechanism of respiration and exchange of gases in the lungs. Describe functions of respiratory system.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Describe digestion of carbohydrates, proteins and fats.
14. Classify vitamins. Describe sources, daily requirement, functions, and features of hypo and hyper-vitaminosis of Vitamin-C.
15. Describe the movements of GI tract and their control.
16. Define sleep. Describe different stages and importance of sleep.
17. Explain the role of minerals in the body.

SHORT ANSWERS

5 x 2 = 10 Marks

18. Write a brief note on EEG.
19. Enumerate the basic functions of nervous tissue.
20. Define anoxia, hypoxia and asphyxia.
21. Define homeostasis.
22. Name the important functions of cell.

Rajiv Gandhi University of Health Sciences

I Year B.A.M.S Degree Examination – SEP-2017

[Time: 3 Hours]

[Max. Marks: 100]

SHAREERA KRIYA, PAPER - I (OS, RS & RS2)

QP Code: 1257

Use the same theory Answer scripts for writing part A and Part B

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

Part – A

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Write about nirukti of term 'Vata', General locations, functions, vriddhi and kshaya lakshanas of Vata dosha.

SHORT ESSAY

5 X 5 = 25 Marks

2. Explain Cardiac cycle.
3. Explain Dosha gati.
4. Write about Artificial respiration.
5. Purusha bheda.
6. Rakta paribhramana

SHORT ANSWERS

7 X 2 = 14 Marks

7. Taamasa prakriti.
8. Kapha vriddhi lakshanas
9. Pace maker.
10. Pitta-kshaya lakshanas
11. Madhyama koshta.
12. Alochaka pitta
13. Define Deha Prakriti.

Part – B

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

14. What are Ahara vidhi visheshaayatanas? Explain their role in digestion.

SHORT ESSAY

5 X 5 = 25 Marks

15. Explain functional anatomy of GIT.
16. Write stages of Avastha paaka.
17. Classify Vitamins.
18. Descibe Bhutagni and its role in digestion.
19. Saara Kitta vibhajana

SHORT ANSWERS

7 X 2 = 14 Marks

20. Ptyalin.
21. Agnyashaya.
22. Scurvy.
23. Pratiharini sira
24. Koshta bheda
25. Vipaaka bheda of ahara.
26. Bile.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination – SEP-2017

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. Explain in detail liver with its lobes, external features, anatomical relations, blood supply and clinical aspects.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Pleura
3. Urinary bladder
4. Spleen
5. Epididymes
6. Parathyroid gland

SHORT ANSWERS

5 x 2 = 10 Marks

7. Transverse mesocolon
8. Parts of large intestine
9. Structure of penis
10. Suprarenal glands
11. Anterior relations of kidneys

Part – B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Describe in detail parts and structure of eyeball with clinical aspects. Add a note on Lacrimal apparatus.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Structure of pons
14. Surface anatomy of lungs
15. External nose
16. Spinal meninges
17. Lateral ventricles

SHORT ANSWERS

5 x 2 = 10 Marks

18. Cerebrospinal fluid
19. Trigeminal nerve
20. Thalamus
21. Papillaed tongue
22. Ear ossicles

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - SEP-2017

Time: Three Hours

Max. Marks: 100 Marks

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. What is the difference between a Siraa, Dhamani and Srotas? What is the Nirukti of Dhamani? Explain the origin and distribution of the Dhamanis.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Explain the Kukundara Marma with relevant anatomical structure involved.
3. Define Shareera as explained in Sushruta Samhita. What is the importance of the Shaareera Sthaana of Sushruta Samhita?
4. Classify Sandhi with suitable examples.
5. Write the location, appearance and anatomical relation of Hrudaya with supporting shloka. What is the influence of Tamas on Hrudaya?
6. Write a note on the Sankhyaa and distribution of the Moola Siraa.

SHORT ANSWERS

5 x 2 = 10 Marks

7. Write the moola and viddhalakshana of Mootravahasrotas.
8. What is Asthi Sanghaata?
9. Explain Pesi Prakaras.
10. With relevant shloka, explain the normal position of the Garbha in the womb.
11. Write about the utpatti of the Vrikka.

Part – B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. With neat labeled diagrams, classify the Muscles. Explain the origin, course, insertion, nerve supply and blood supply to the muscles of the Anterior Abdominal wall. Write a note on its applied aspect.

SHORT ESSAYS

5 x 5 = 25 Marks

13. What are the structural differences between the Right and Left Atrium?
14. Differentiate the Embryo from Foetus.
15. Explain the Mandible in detail.
16. Name the ligaments, muscles and nerves acting on the shoulder joint.
17. Explain Obturator Foramen.

SHORT ANSWERS

5 x 2 = 10 Marks

18. What is a Graffian Follicle?
19. Name the structures passing through the Greater Sciatic Notch.
20. What is Trans tubercular Plane?
21. How is the Adductor Canal formed? What are its contents?
22. How does lymph differ from Plasma?

Rajiv Gandhi University of Health Sciences

I Year B.A.M.S Degree Examination – SEP-2017

[Time: 3 Hours]

[Max. Marks: 100]

SHAREERA RACHANA, PAPER - II

QP Code: 1256

Use the same theory Answer scripts for writing part A and Part B

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Part – A

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Define Koshta and describe Liver in detail.

SHORT ESSAY

5 X 5 = 25 Marks

2. Pituitary gland.
3. Hridayaavarana Kala (pericardium).
4. Twacha.
5. Mootrashaya (urinary bladder).
6. Shwasa Nalika (Trachea).

SHORT ANSWERS

7 X 2 = 14 Marks

7. Koshtaanga.
8. Cartilages of larynx.
9. Define Kala.
10. Arterial supply of stomach.
11. Bile Duct.
12. Renal Pelvis.
13. Stomach Bed.

Part – B

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

14. Define Indriya and describe chakshurindriya adhishtana (eye ball).

SHORT ESSAY

5 X 5 = 25 Marks

15. Describe external features of Cerebrum.
16. Sadhyo Praanahara Marma.
17. Shadchakra.
18. Trigeminal nerve.
19. Formation and circulation of CSF .

SHORT ANSWERS

7 X 2 = 14 Marks

20. Vitapa Marma.
21. Dental formula.
22. Vishalyaghna marma.
23. Rujakara Marma.
24. Neuron.
25. Kshipra Marma.
26. Trochlear nerve.

Rajiv Gandhi University of Health Sciences

I Year B.A.M.S Degree Examination – SEP-2017

[Time: 3 Hours]

[Max. Marks: 100]

SHAREERA RACHANA, PAPER - I

QP Code: 1255

Use the same theory Answer scripts for writing part A and Part B

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Part – A

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

1. Define Garbha and explain masanumasika Garbha vridhhi laxana.

SHORT ESSAY

5 X 5 = 25 Marks

2. Describe Garbhotpadaka Bhavas.
3. Describe formation of placenta.
4. Anguli and Anjali pramana.
5. Role of panchamahabhuta in forming the Garbha.
6. Write Shudha Shukra and Arthava laxana.

SHORT ANSWERS

7 X 2 = 14 Marks

7. Sadhyograhitha Garbhini laxana.
8. Umbilical cord.
9. Define Shareera.
10. Shareera Shastra Jnana prayojana.
11. Beeja.
12. Douhrudini.
13. Deha Prakruti.

Part – B

(50 Marks)

LONG ESSAY

1 X 11 = 11 Marks

14. Explain Shroni phalakasti (Hip bone) in detail with neat diagram.

SHORT ESSAY

5 X 5 = 25 Marks

15. Describe Elbow joint with diagram.
16. Describe Sternum.
17. Describe Femoral triangle.
18. Describe Diaphragm.
19. Define Sira, Dhamani, Srotas.

SHORT ANSWERS

7 X 2 = 14 Marks

20. Name the types of Sandhi.
21. Tendon.
22. Laseeka.
23. Triceps muscle.
24. Muscles of anterior abdominal wall.
25. Asthi Sanghata.
26. Ribs.
