

Time: Three Hours

Max. Marks: 100

KRIYA SHARIRA (HUMAN PHYSIOLOGY) – PAPER -I (RS-7)

Q.P. CODE: 3605

(QP contains three pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

NOTE: MCQ answers must be written in words along with alphabets

LONG ESSAYS

4 x 10 = 40 Marks

1. Explain guna, karma, sthana and types of pitta in detail.
2. Define Prakriti. Describe the classification of Prakriti and explain vata Prakriti in detail.
3. Explain the regulation of respiration. Write a short note on Asphyxia
4. Explain the hormones secreted by Thyroid gland and their functions in detail.

SHORT ESSAYS

8 x 5 = 40 Marks

5. Define srotas. Explain the samanya sroto dushti nidana and lakshana
6. Sites and functions of Panchavidha Kapha.
7. Explain ritu kriyakala in detail
8. Describe Aharaparinamkara bhavas.
9. Write a note on Avasthapaka.
10. Define homeostasis and describe the mechanism to maintain homeostasis with suitable examples
11. Describe about enteric nervous system and its function.
12. Explain the physiology of speech

Multiple Choice Questions

20 x 1 = 20 Marks

13. _____ is a synonym of Shareera
 - A. Anila
 - B. Rudhira
 - C. Vapu
 - D. Roga
14. Number of Bahirmukha srotas in females is
 - A. 9
 - B. 900
 - C. 12
 - D. 22
15. _____ dosha is dominant in Vruddhavasta
 - A. Vata
 - B. Pitta
 - C. Kapha
 - D. Satva

16. Bala Nidrendriyabhramsha are the features present in
A. Vata vriddhi
B. Vata kshaya
C. Pitta vriddhi
D. Pitta kshaya
17. Shabdotpatti is a specific function of
A. Prana
B. Udana
C. Vyana
D. Apana
18. Tyaktadravatva is associated with _____
A. Sadhaka pitta
B. Pachaka pitta
C. Ranjaka pitta
D. Bhrajaka pitta
19. Appreciation of taste is a function of
A. Tarpaka kapha
B. Kledaka kapha
C. Bodhaka kapha
D. Sleshaka kapha
20. Praseka is seen in Vriddhi of _____ dosha
A. Vata
B. Pitta
C. Kapha
D. Rakta
21. Koshtatoda is a lakshana of _____ Kriyakala
A. Sanchaya
B. Prakopa
C. Prasara
D. Sthanasanshraya
22. The Anuka of Kapha prakruti is _____
A. Lion
B. Tiger
C. Crow
D. Rat
23. Dantakhadi is mentioned as a lakshana of _____ prakriti
A. Vata
B. Pitta
C. Kapha
D. Sama
24. Manthana comes under which Ahara Vidhi Vishesha Ayatana
A. Prakrti
B. Karana
C. Rashi
D. Samyoga

25. Synonym of Agni is
A. Anila
B. Anala
C. Soma
D. Both B & C
26. The rasa that originate during the second stage of Avasthapaka is
A. Madhura
B. Amla
C. Katu
D. Tikta
27. Pitta dosha is associated with _____ Koshta
A. Kroora koshta
B. Mrudu koshta
C. Teekshna koshta
D. Madhyama Koshta
28. Smooth endoplasmic reticulum is responsible for the formation of
A. Proteins
B. Cholesterol
C. Hormones
D. Vitamins
29. Pulmonary surfactant is produced by _____ cells
A. Type 1 Alveolar cells
B. Type 2 Alveolar cells
C. Mast cells
D. APUD Cells
30. Bile salts are required for the digestion of _____
A. Protein
B. Carbohydrate
C. Fats
D. Vitamins
31. The area -17 in the brain indicates
A. Motor area
B. Sensory area
C. Auditory area
D. Visual area
32. Acromegaly is seen in hyper secretions of
A. Growth hormone
B. Thyroxine
C. Prostaglandins
D. Aldosterone

Rajiv Gandhi University of Health Sciences, Karnataka

First year BAMS (NCISM) Degree Examination - 24th March 2025

Time: Three Hours

Max. Marks: 100

KRIYA SHARIR (HUMAN PHYSIOLOGY) - PAPER - II (RS-7)**Q.P. CODE: 3606****(QP contains three pages)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

NOTE: MCQ answers must be written in words along with alphabets**LONG ESSAYS****4 x 10 = 40 Marks**

1. Describe the synonyms, sthana, guna, karma, pramana, panchabhoutiktawa of rakta dhatu. What are the lakshanas of shuddha rakta and rakta sara purusha?
2. Describe in detail the nirukti, sthana, guna, karma, pramana, vriddhi and kshaya lakshanas of shukra dhatu. Explain the formation of shukra dhatu.
3. Define the term Mala. Describe the process of formation of all Ahara malas along with their vriddhi and kshaya lakshanas.
4. Define Blood Pressure and Pulse Pressure. Explain in detail regulation of arterial blood pressure.

SHORT ESSAYS**8 x 5 = 40 Marks**

5. Briefly describe Dhatu Poshana Nyayas and write in detail about Kedari Kulya Nyaya.
6. Describe Vyadhikshamatwa. Enumerate balavridhdikara bhavas and briefly explain them.
7. Explain in detail about Stanya and Artava.
8. Enumerate Atma gunas. Describe the characteristic features of existence of atma in living body.
9. Enumerate clotting factors and describe briefly mechanism of blood coagulation.
10. Briefly describe the process of muscle contraction.
11. Describe Optic Pathway with a neat labelled diagram.
12. Explain the mechanism of Formation of Urine.

Multiple Choice Questions**20 x 1 = 20 Marks**

13. Anjali pramana of rasa dhatu is _____
A. 9 anjali
B. 10 anjali
C. 8 anjali
D. 7 anjali
14. Following is /(are) the synonym(s) of Rakta Dhatu
A. Asruk
B. Jeevashonita
C. Kshataja
D. All of the above
15. Lapanam is the function of _____ dhatu
A. Majja
B. Rasa
C. Mamsa
D. Shukra

16. Craving for the Medura Mamsa is one of the lakshana of _____
 A. Rasa Dhatu Kshaya
 B. Mamsa Dhatu Kshaya
 C. Medo dhatu Kshaya
 D. Both B and C
17. Timira darshana is a lakshana of _____
 A. Majja vriddhi
 B. Majja kshaya
 C. Rasa kshaya
 D. Both B & C
18. Shuddha shukra resembles
 A. Taila
 B. Sphatika
 C. Madhu
 D. All of the above
19. Shleshma is an ashrayee in which of the following dhatus
 A. Meda
 B. Mamsa
 C. Rakta
 D. Both A & B
20. Which among the following forms the 5th layer of twacha
 A. Avabhasini
 B. Rohini
 C. Vediti
 D. Tamra
21. Artava is the _____
 A. Upadhatu of rakta
 B. Dhatumala of rakta
 C. Upadhatu of rasa
 D. Both A & B
22. Sthoola mala includes
 A. Pureesha
 B. Mootra and Pureesha
 C. Mootra Pureesha and Sweda
 D. Dhatu Mala
23. Hemoglobin first appears in _____
 A. Early normoblast
 B. Intermediate normoblast
 C. Late normoblast
 D. Pronormoblast
24. How many types of Immunoglobulins are there?
 A. Five
 B. Three
 C. Two
 D. Four
25. Which of the following indicates Ventricular Muscle Depolarization?
 A. P wave
 B. QRS complex
 C. T wave
 D. PR interval

26. Where does the stimulation of muscle fibers by a motor neuron take place?
A. Myofibril
B. Transverse tubules
C. Sarcoplasmic reticulum
D. Neuromuscular junction
27. _____ is known as a Good Cholesterol
A. LDL
B. VLDL
C. HDL
D. All of the above
28. In man, Cryptorchidism is the condition when
A. Testes do not descent into the scrotum
B. There are two testes in each scrotum
C. Testis degenerates in the scrotum
D. Testis enlarges in the scrotum
29. Layer of cells immediately surrounding the ovum but outside the zona pellucida is called as
A. Germinal epithelium
B. Corona radiata
C. Theca interna
D. Membrana granulosa
30. Where does filtration of blood take place?
A. PCT
B. DCT
C. Collecting ducts
D. Malphigian body
31. The micturition reflex center is located in the
A. Kidney
B. Cerebrum
C. Sacral segment of the spinal cord
D. Urinary bladder
32. In comparison to the cones, the rods are more
A. Concentrated in the fovea region
B. Sensitive to dim light
C. Important for colour vision
D. Sensitive to detail

Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.A.M.S Degree Examination - 21-Mar-2025

Time: Three Hours

Max. Marks: 100

SHAREERA KRIYA - PAPER-II (RS4/RS5/RS6)

Q.P. CODE: 3005

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Explain in detail Utpatti, Lakshana, Pramana, Karma, Vruddhi and Kshaya Lakshana of Rakta Dhatu.
2. Describe shape, size, normal count, properties, life span, fate after its destruction and functions of Erythrocytes.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Shukra sara Purusha Lakshana.
4. Vruddhi and Kshaya Lakshana of Artava.
5. Explain Stanya utpatti and Shuddha stanya lakshana.
6. Mutra Utpatti according to Ayurveda.
7. Physiology of Granendriya (organ of smell).
8. Write a short note on classification of immunity.
9. Explain types and functions of sweat glands.
10. Physiological basis of blood grouping.
11. Mechanism of defecation.
12. Endocrine functions of Pancreas.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Enumerate Upadhatu.
14. Atma Guna.
15. Pramana of Dhatu.
16. Types of Oja.
17. Importance of Nidra.
18. Types of WBC.
19. Cardiac cycle.
20. Functions of skeletal muscles.
21. Composition of Urine.
22. Functions of progesterone.

Time: Three Hours

Max. Marks: 100

KRIYA SHARIR (HUMAN PHYSIOLOGY) - PAPER - II (RS-7)

Q.P. CODE: 3606

(QP contains three pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

NOTE: MCQ answers must be written in words along with alphabets



LONG ESSAYS

4 x 10 = 40 Marks

1. Explain about the Srotas, Karma, Utpatti, Pancha Bhoutikatva, Vruddhi, Kshaya, Sarata and important features of Rakta Dhatu in detail
2. Write about Srotas, Karma, Utpatti, Guna, Vruddhikshaya, Sarata and important features of Shukra Dhatu.
3. Write about the Mutra Vahasrotas, Mootropatti and Vrudhikshaya of Mootra.
4. Write about the clotting factors, clotting mechanisms and its applied physiology.

SHORT ESSAYS

8 x 5 = 40 Marks

5. Write about the Srotomoola, Utpatti and Vruddhi Kshaya of Mamsa Dhatu.
6. Write about karma and Utpatti of Majja and write about Majja Pradoshaja vikara.
7. Write about the Utpatti, Karma, Srotas and Vruddhi, Kshaya of Sweda.
8. Write about the Guna, karma and Vishaya of Manas.
9. Write about the various stages of erythropoiesis and precursors of erythropoiesis.
10. Write about the structure, types and functions of adipose tissue.
11. Write about auditory physiology and auditory pathway.
12. Write about the defecation reflex.

Multiple Choice Questions

20 x 1 = 20 Marks

13. _____ is the Pramana of Rasa dhatu
A. 9 Anjali
B. 1/2 Anjali
C. 9 Anjali
D. 4 Anjali
14. Shuddharakta is similar to _____
A. Sphatika
B. Madhu
C. Gunja phala
D. Laja
15. Number of peshis in females is
A. 500
B. 520
C. 400
D. 420
16. Asthisankhya according to Sushruthasamhitha is _____
A. 360
B. 348
C. 300

17. _____ is lakshana of Majja Sara purusha
A. Mahasphik
B. Mahashira
C. Mahanetra
D. Mahalalata

arks

18. _____ is a Shuddhashukra lakshana
A. Laja Gandhi
B. Sarpi Gandhi
C. Visra Gandhi
D. Madhu Gandhi



19. Gandha of Ojus is
A. Laja Gandhi
B. Sarpi Gandhi
C. Visra Gandhi
D. Madhu Gandhi

20. Pramana of Kandara is _____
A. 8
B. 24
C. 700
D. 16

21. Kandū is a lakshana seen in
A. Mūtra vrūddhi
B. Swedavruddhi
C. Twakvrūddhi
D. Vatavruddhi

22. _____ is a type of Swapna
A. Adrūsta
B. Smrūta
C. Adbūta
D. Anubhūta

23. RBCs contain
A. Nucleus
B. Mitochondria
C. Ribosomes
D. None of the above

24. Injection of antibodies is an example of
A. Active natural immunity
B. Passive natural immunity
C. Active artificial immunity
D. Passive artificial immunity

25. T wave in ECG is produced by
A. Atrial depolarization
B. Ventricular depolarization
C. Atrial repolarization

Rajiv Gandhi University of Health Sciences, Karnataka

D. Ventricular repolarization



26. Dark band of a Myofibril is called as
A. I band
B. A band
C. Z band
D. D band
27. _____ is responsible for transport of cholesterol from the tissues back to the liver
A. LDL
B. HDL
C. VLDL
D. PDL
28. Fructose present in semen is synthesised by
A. Seminal vesicles
B. Vas deferens
C. Prostate
D. Epididymis
29. HCG is produced in
A. First 2 months of pregnancy
B. Second trimester
C. Third trimester
D. After delivery
30. Following is an abnormal constituent of urine
A. Urea
B. Uric acid
C. Creatinine
D. Proteins
31. Renal threshold for glucose is
A. 180 mg/dl
B. 325 mg/dl
C. 180 mg/min
D. 375 mg/min
32. Scala tympani and Scala media are separated by
A. Basilar membrane
B. Reissners membrane
C. Tectorial membrane
D. Secondary tympanic membrane

KRIYA SHARIR (HUMAN PHYSIOLOGY) - PAPER - II (RS-7)
Q.P. CODE: 3606
(QP contains three pages)

CORRECTIONS



20 x 1 = 20 Marks

Read Question No. 13 & 14 as follows :

Multiple Choice Questions

13. _____ is the Pramana of Rasa dhatu
- A. 9 Anjali
 - B. 1/2 Anjali
 - C. 8 Anjali
 - D. 4 Anjali

14. Shuddha Rakta is similar to _____
- A. Sphatika
 - B. Madhu
 - C. Gunja phala
 - D. Laja

22A3284 - Indu

22A3263 Samy

21A2778 Boutar

21A2785 Bh

Rajiv Gandhi University of Health Sciences, Karnataka
First year BAMS (NCISM) Degree Examination - 31-Jul-2024

Q.P. Code: 3605

arks

Time: Three Hours

Max. Marks: 100

KRIYA SHARIRA (HUMAN PHYSIOLOGY) - PAPER -I (RS-7)

Q.P. CODE: 3605

(QP contains three pages)

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

NOTE: MCQ answers must be written in words along with alphabets



4 x 10 = 40 Marks

LONG ESSAYS

1. Write staana, guna, karma and bheda of kapha dosha
2. Prakriti nirupana. Explain in detail about shareerika and manasika prakriti
3. Write in detail about Carbohydrate digestion and Metabolism
4. What is Endocrinology? Explain Functional anatomy of Posterior Pituitary Gland.

SHORT ESSAYS

8 x 5 = 40 Marks

5. Explain dosha dhatu mala mulam hi shareeram
6. Explain vak pravrutti
7. Write kapha vrudhhi and kshaya lakshanas
8. Explain ahara parinamakara bhavas
9. Describe awastha paka and hishtapaka
10. What is Ventilation? Explain Exchange of gases?
11. Explain Gastrointestinal Movement
12. Functional anatomy of Thyroid Gland

Multiple Choice Questions

20 x 1 = 20 Marks

13. Akasha utpatti by
 - A. Roopa tanmatra
 - B. Rasa tanmatra
 - C. Sparsha tanmatra
 - D. Shabda tanmatra
14. Tridanda's are
 - A. Vata, pitta, kapha
 - B. Rasa, guna, virya
 - C. Satwa, atma, shareera
 - D. Hetu, linga, aushadha
15. Rogastu
 - A. Dosha vaishamyata
 - B. Dosha utpatti
 - C. Dosha guna
 - D. Dosha karma

16. Vak pravrutti is one of the karma of
 - A. Prana vata
 - B. Vyana vata
 - C. Udana vata
 - D. Apana vata
17. Kritsna dehachari mahajava refers to
 - A. Apana
 - B. Vyana
 - C. Samana
 - D. Prana
18. Pitta staana
 - A. Pakwashaya
 - B. Basthi
 - C. Nabhi
 - D. Kati
19. This is one of the karma of kapha
 - A. Chalatwa
 - B. Pachaka
 - C. Deepana
 - D. Sthiratwa
20. Bhrama is one of the kshaya lakshana of
 - A. Pitta
 - B. Vata
 - C. Kapha
 - D. Rakta
21. Vata prakopa occurs during
 - A. Varsha ritu
 - B. Grishma ritu
 - C. Sharada ritu
 - D. Hemanta ritu
22. Akshachari belongs to
 - A. Sama prakriti
 - B. Kapha prakriti
 - C. Pitta prakriti
 - D. Vata prakriti
23. Bhoutika prakriti are described
 - A. Bhela
 - B. Sushruta
 - C. Harita
 - D. Vagbhata
24. On the basis of upabhoga of ahara is classified into
 - A. 2 types
 - B. 4 types
 - C. 6 types
 - D. 10 types



25. Vayavya amsha yukta aahara will digested by
A. Jatharagni
B. Bhootagni
C. Dhatwagni
D. Pachakagni
26. In amlavastha paka following pitta is produced
A. Accha pitta
B. Sadhaka pitta
C. Ranjaka pitta
D. Alochaka pitta
27. It belongs to ahara parinamakara bhava
A. Sneha
B. Karana
C. Desha
D. Rashi
28. Blood Clotting is the example for
A. Positive feedback Mechanism
B. Negative feedback Mechanism
C. Respiratory Mechanism
D. A+B
29. Arrest of breathing during Swallowing is called
A. Deglutition apnea
B. Obstructive apnea
C. Apnea
D. Central Apnea
30. Normal PH level of Bile about
A. 5 - 5.5
B. 8 - 8.6
C. 6 - 6.5
D. 7- 7.6
31. Impairment or Loss of Speech is Called
A. Apnea
B. Aphasia
C. Dysphonia
D. Stammering
32. Glucagon Action
A. It ↑ the blood Glucose level
B. It ↓ the blood Glucose level
C. It ↑ the blood calcium level
D. It ↓ the blood calcium level

Time: Three Hours

Max. Marks: 100 Marks

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SHAREERA KRIYA - PAPER-I (RS4, RS5 & RS6)

Q.P. CODE: 3004

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Define Ahara. Write its classification, importance and Asta Aharavidhivishesha Ayatana.
2. Explain the physiology of vision in detail.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Write about Kriya kala.
4. Write about samana vata, its sthana and karma.
5. Avasthapaka.
6. Chikitsapurusha.
7. Write about Lokapurushasamyata with examples.
8. Write about the enzymes involved in digestion of proteins.
9. Write about the mechanics of respiration and the muscles of respiration.
10. Write about the production, circulation and function of cerebrospinal fluid.
11. Regulation and control of respiration.
12. Define sleep and explain the types of sleep.



SHORT ANSWERS

10 x 3 = 30 Marks

13. Avalambakakapha.
14. Trividhakoshta.
15. Kaphaguna.
16. Pitta prakruti Anookatva.
17. Types of Agni.
18. Hypoxia and its classification.
19. Write about Vitamin D its sources and deficiency disorders.
20. Salivary gland.
21. Boyles law.
22. Portal triad.

Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.A.M.S Degree Examination - 21-Mar-2024

Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA - PAPER-II (RS4/RS5/RS6)
Q.P. CODE: 3005

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Write about the utpatthi, karma, Upadhatu, dhatumala, panchabhoutikata, shuddha raktha lakshana, saarata, vruddhi, kshyaya and pramana of raktha dhatu.
2. Explain menstrual cycle and its phases in detail.

SHORT ESSAYS

10 x 5 = 50 Marks

3. What are the reasons and types of ojavikruti?
4. Ashraya ashrayee bhava
5. Enumerate the pramana of all dhatus and upadhatu.
6. Indriya pancha panchaka
7. Enumerate the layers of twacha.
8. Conduction system of heart
9. Adrenal gland hormones and their function
10. Define immunity and write its classifications.
11. Defecation reflex
12. Functions of kidney

SHORT ANSWERS

10 x 3 = 30 Marks

13. Artavavaha srotus
14. Mamsa vruddhi lakshana
15. Pureesha kshaya lakshana
16. Nidra laabha
17. Mootra karma
18. Parathyroid hormone
19. Pacemaker of heart
20. Location of red bone marrow
21. Mention two functions of prostate gland.
22. Tachycardia



Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.A.M.S Degree Examination - 31-Jul-2024

Max. Marks: 100 Marks

Time: Three Hours

SHAREERA KRIYA - PAPER-I (RS4, RS5 & RS6)
Q.P. CODE: 3004

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

2 x 10 = 20 Marks
Karma (Functions),

LONG ESSAYS

1. Nirukti (derivation), Lakshana (definition), Guna (Properties), Stana (Locations), Vridhi and Kshaya lakshana of Pitta Dosha.
2. Explain in detail about Definition of ventilation, mechanism of respiration, exchange and transport of gases.

10 x 5 = 50 Marks

SHORT ESSAYS

3. Characteristics features of Vata prakruti purusha.
4. Note on Panchamahabhuta.
5. Role of Shatdhatupurusha in kriya sharira and chikitsa.
6. Panchavidha kapha.
7. Vata prakruti lakshana.
8. Mechanism of propagation of nerve impulse.
9. Mechanism of secretion and composition of Gastric juice.
10. Digestion and metabolism of proteins.
11. Note on Acid-base balance, water and electrolyte balance.
12. Vitamin K sources, daily requirement, functions, manifestations of hypo and hyper Vitaminosis.

10 x 3 = 30 Marks

SHORT ANSWERS

13. Definition of Ahara.
14. Avasthapaka.
15. Write about Srotus.
16. Pranavata lakshana.
17. Etiological factors for Vata Vriddhi.
18. Movements of the gut.
19. EEG.
20. Resting membrane potential.
21. Functions of cell membrane.
22. PNS.



Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.A.M.S Degree Examination - 02-Aug-2024

Time: Three Hours

Max. Marks: 100

ks

SHAREERA KRIYA - PAPER-II (RS4/RS5/RS6)

Q.P. CODE: 3005

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Explain the concept of Manas in Ayurveda. Write its Guna, Sthana, Karma and Vishaya and explain Jnanotpati.
2. Write about the components of blood and write about the formation and destruction of red blood cells.

10 x 5 = 50 Marks

SHORT ESSAYS

3. Write about the Utpatti and Samvahana of Rasa Dhatu.
4. Panchabhoutikata of Raktha.
5. Ashraya Ashrayee Bhava.
6. Explain the Utpatti, Karma, Vruddhi and Kshaya of Majja Dhatu.
7. Atma Niroopana.
8. Write about the hormonal basis of menstrual cycle.
9. Enumerate the plasma proteins and write about their functions.
10. Explain the mechanism of blood clotting.
11. Enumerate and explain the secretions of adrenal gland.
12. Define immunity and explain its types.

10 x 3 = 30 Marks

SHORT ANSWERS

13. Tandra.
14. Pureesha karma.
15. Varna and Sthana of Ojus.
16. Shrotrendriya.
17. Asthisara purusha lakshana.
18. Pacemaker.
19. Physiological basis of ECG.
20. Normal constituents of Urine.
21. Functions of skin.
22. Types of adipose tissue and their functions.



Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination – 30-Mar-2023

[Time: 3 Hours]

[Max. Marks: 100]

SHAREERA KRIYA - PAPER-I (RS4, RS5 & RS6)

Q.P. CODE: 3004

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Explain in detail Trividha Ahara Avasthapaka.
2. Describe composition, function and regulation of secretion of Saliva.

SHORT ESSAY

10 X 5 = 50 Marks

3. Note on srotas.
4. Pitta dosha, sthana, vrudhi and Ksheena lakshana
5. Importance of Vata among tridoshas.
6. Features of kapha Prakruti.
7. Shwasakriya (respiration) according to Sharangadhara.
8. Function of Gallbladder.
9. Composition of Cerebrospinal fluid.
10. Factors responsible for movement of Gut.
11. Enzymes of Pancreas.
12. Describe chemical control of Respiration.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Synonyms of Purusha.
14. Sanchaya.
15. Types of Agni
16. Pittadhara kala.
17. Interrelation of Shadrasa and dosha.
18. Resting membrane potential
19. Rickets.
20. Alkalosis.
21. EEG.
22. Spirometry.



Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - 07-Aug-2023

Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA, PAPER-I (RS4, RS5 & RS6)

Q.P. CODE: 3004

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Define prakriti and mention types of prakriti. Write the characteristics of pitta prakriti in detail.
2. Write about neuron, its classification and functions. Write about synapse.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Ahara vidhi vishesha ayatanas
4. Agni – definition, types, similarities and differences with pitta
5. Kapha dosha – types, specific locations and functions
6. Prakruta and vikruta karma of vata dosha
7. Relation of doshas with day-night-seasons-age-food intake
8. Control mechanism of respiration
9. Digestion of proteins
10. Transport of carbon-dioxide in blood
11. Functions of stomach
12. Deficiency disorders related to vitamins – B₁, B₁₂, C, A and K



SHORT ANSWERS

10 x 3 = 30 Marks

13. Specific locations of 5 types of vaata
14. Definition and types of purusha
15. Saadhaka pitta
16. Dhatvagni – sthana and karma
17. Types of maanasika prakriti
18. Vital capacity
19. Composition of saliva
20. Functions of calcium
21. Resting membrane potential
22. Functions of Iron

Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.A.M.S Degree Examination - 09-Aug-2023

Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA - PAPER-II (RS4/RS5/RS6)
Q.P. CODE: 3005

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Write in detail Majja Dhatu.
2. Enumerate the properties of Muscles and gave an explanation of contractile property of the Skeletal Muscle.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Brief description of Malas.
4. Details of Dhatuposhana Nyayas.
5. Establish Manas gunas with its Sthana.
6. Characteristics of Shukra Sara Purusha and shuddha shukra lakshana
7. Ashray Ashrayee Bhava and its applications
8. Define Electrocardiogram. Describe waves segments and intervals of normal ECG.
9. Cell mediated immunity.
10. Process of Urine formation.
11. Menstrual cycle.
12. Thyroid hormones.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Definition of Oja Visramsa.
14. Lakshanas of Rakta Kshaya.
15. What is Peshi?
16. Shuddha Stanya lakshana
17. Artava Kshaya lakshana
18. Types and functions of Sweat glands.
19. Functions of Platelets.
20. Definition of Anemia.
21. Arterial pulse.
22. Spermatogenesis.



Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - 01-Jul-2022

Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA - PAPER-II (RS4/RS5/RS6)

Q.P. CODE: 3005

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Write about the dhatu poshana nyayas and analyse their merits and demerits.
2. Explain the events of a cardiac cycle in detail.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Write a short note on vruddhi and kshaya lakshana of raktha dhatu.
4. Enumerate the dhatu malas of all the dhatus.
5. Write about shuddha and dushta artava lakshana.
6. Write about nidra utpatti and enumerate the types of nidra.
7. Write a short note on utpatti, vruddhi and kshaya of stanya.
8. What are the types of muscles? Mention differences between the different types of muscles.
9. Write a short note on the process of urine formation.
10. Write a short note on pituitary and its secretion.
11. Write a short note on physiological basis of classification of blood groups.
12. Write a short note on spermatogenesis.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Manoguna
14. Karmendriya
15. Meda dhatu kshaya lakshana
16. Shuddhashukra lakshana
17. Swedavahasrotas
18. Plasma proteins
19. Pulse pressure
20. Calcitonin
21. Erythropoietin
22. Platelets

Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.A.M.S Degree Examination - 23-Jul-2021



Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA - PAPER-I (RS4, RS5 & RS6)

Q.P. CODE: 3004

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Define ahaara and explain ashta ahaara vidhi vishesha ayatana.
2. Explain the different enzymes involved in digestive process in detail.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Prakruta and vikruta karma of pitta dosha
4. Shwasana prakriya - according to Sharangadhara
5. Define purusha and explain chaturvimshatika purusha
6. Pachaka pitta
7. Enumerate the types of koshta and mention their characteristics.
8. Mention the functions of medulla oblongata.
9. Write the process of respiration along with its types.
10. Explain positive and negative feedback mechanism with an example.
11. Explain the mechanism of hearing.
12. Explain cell and its organelles with functions.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Mention four synonyms of vata
14. Apana vata - sthana and karma
15. Sthaana of kapha dosha
16. Functions of Agni
17. Types of prakriti
18. Berry berry
19. Resting membrane potential
20. Neurotransmitter
21. Schwan cells
22. Vitamin - K



PRINCIPAL



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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - 27-Jul-2021

Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA - PAPER-II (RS4/RS5/RS6)

Q.P. CODE: 3005

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Write about the utpatthi, srotomoola, guna, karma, shuddha shukra lakshana, saarata, vruddhi kshyaya and pramana of shukra dhatu.
2. Explain the constituents and functions of blood in detail.

10 x 5 = 50 Marks

SHORT ESSAYS

3. Define artava and explain physiology of artava vaha srotas.
4. Write about guna, sthaana and karma of ojus.
5. Physiology of Mutrotpatthi
6. Write about the karma of manas.
7. Swapna bheda
8. Blood clotting mechanism
9. Heart rate and its regulation
10. Endocrine secretions of pancreas and their functions
11. Formation of faeces and mechanism of defecation
12. What are the types of sweat glands? Write four differences between each of the types.

10 x 3 = 30 Marks

SHORT ANSWERS

13. Manovishaya
14. Pureeshavahasrotas
15. Majjakshyaya lakshana
16. Sweda karma
17. Write 4 synonyms of raktha.
18. Oxytocin
19. Smooth muscles
20. Semilunar valve
21. Leutinising hormone
22. Types of WBC's



Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA - PAPER-I (RS4 & RS5)

Q.P. CODE: 3004

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Define Prakruti and explain characteristic features of Kapha Prakruti in detail.
2. Write functional anatomy of Respiratory System and explain mechanism of respiration.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Pancha Pitta Karmaani.
4. Inter-relation of Dosha-Ritu-Rasa-Guna.
5. Shat Kriya Kala.
6. Define Ahara and Ahara Vidhi Visheshyaatanaani.
7. Manasa Prakruti.
8. Function of Pancreas.
9. Vitamin A & C sources, requirement and deficiency disorders.
10. Digestion and metabolism of Fats.
11. Effects of stimulation of sympathetic nervous system
12. Composition and functions of Succus Entericus.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Vata Vrudhi and kshaya Lakshana
14. Pittadharaa Kalaa.
15. Dhatwagni.
16. Annavaha srotus.
17. Application of Samanya - Vishesha theory in Shareera Kriya.
18. What is synapse and its functions?
19. Functions of Iron mineral.
20. Vagus nerve
21. Vomiting.
22. Endocytosis.

Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.A.M.S Degree Examination - 28-Feb-2020

Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA - PAPER-II (RS4 & RS5)

Q.P. CODE: 3005

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Write nirukti, paryaaya, sthaana, guna, vishaya and karma of manas.
2. Explain composition and functions of blood and blood cells in detail.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Formation of Mutra
4. Karmendriyas and their functions.
5. Vriddhi and kshaya lakshana of rasa dhaatu.
6. Define aartava and write lakshana of shuddha and dushta aartava.
7. Define upadhaatu, write the differences between dhaatu and upadhaatu.
8. Types and functions of bone marrow.
9. Describe cardiac cycle
10. Locations and functions of adipose tissue
11. Physiology of excretion of urine
12. Classification and characteristics of hormones in brief.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Annamala
14. Nirukti of hridaya.
15. Paanchabhoutikatva and pramaana of medo dhaatu.
16. Sthaana of ojas
17. Asthi kshaya lakshana
18. Functions of Haemoglobin
19. Hormones of Ovary
20. Blind spot
21. Define and normal values of Blood pressure
22. T.S.H (Thyroidal Stimulating Hormone)



Rajiv Gandhi University of Health Sciences, Karnataka

Time: Three Hours

I Year B.A.M.S Degree Examination - FEB-2019

Max. Marks: 100 Marks

SHAREERA KRIYA, PAPER-I (RS4 & RS5)

Q.P. CODE: 30044

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 vata dosha with derivation, location, properties, functions and types

SHORT ESSAYS

5 x 5 = 25 Marks

2. Paanchabhoutikatva of dosha, dhatu and mala.
3. Shat kriya kaala.
4. Loka purusha saamya vaada
5. Define koshta and explain trividha koshta
6. Avastha paaka

SHORT ANSWERS

5 x 2 = 10 Marks

7. Triguna
8. Srotas.
9. Ranjaka pitta
10. Kledaka kapha
11. Effect of tikta rasa on dosha



Part - B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Explain homeostasis and cell physiology in detail.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Parasympathetic nervous system
14. Neural and chemical control of respiration
15. Functions of liver with reference to digestion
16. Note on vitamins.
17. Enumerate cranial nerves.

SHORT ANSWERS

5 x 2 = 10 Marks

18. End product of fat digestion.
19. Gastric juice
20. Acid -base balance
21. Asphyxia
22. Neuron

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - FEB 2019

Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA, PAPER-II (RS4 & RS5)

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)

LONG ESSAYS

Part - A (50 Marks)

1 x 15 = 15 Marks

1. Describe ojus along with its visramsas, vyaapat and kshaya.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Panchabhoutikattva of rakta dhaatu
3. Enumerate mala and explain their formation with relation to dhatu.
4. Describe artava.
5. Explain manas with its definition, location, properties, functions and objects (vishaya).
6. Ashraya-ashrayi bhava of dosha-dhatu-mala

SHORT ANSWERS

5 x 2 = 10 Marks

7. Kedara kulya nyaya
8. Mamsavaha srotas
9. Stanya vriddhi and kshaya
10. Shukra sacra purusha lakshanas
11. Significance of nidra

Part - B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. What is an endocrine gland? Explain the endocrine functions of thyroid gland.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Regulation of cardiac output and venous return
14. Functions of skin
15. Types and functions of WBC
16. Differences between skeletal and smooth muscles
17. Mechanism of formation of urine

SHORT ANSWERS

5 x 2 = 10 Marks

18. Anaemia
19. Ovulation
20. Composition of semen
21. Functions of Prolactin
22. Sebaceous glands

Shareera Kriya - Paper - I (RS-3)

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 in detail about Kapha Dosha.

SHORT ESSAY

5 X 5 = 25 Marks

2. Types of vata dosha.
3. Agni.
4. Pitta vriddi kshaya.
5. Kosta.
6. Kriya kaala.

SHORT ANSWERS

7 X 2 = 14 Marks

7. Triguna.
8. Vyana vata.
9. Alochaka pittta.
10. Vata stana.
11. Shareera.
12. Rasa dosha relation.
13. Avastapaaka.

Part – B

(50 Marks)

1 X 11 = 11 Marks

LONG ESSAY

14. Functional anatomy of GIT.

SHORT ESSAY

5 X 5 = 25 Marks

15. Enzymes involved in protein and carbohydrate digestion.
16. Functions of cell in detail.
17. Explain absorption and metabolism of Vitamin D.
18. Vitamin classification.
19. Minerals.

SHORT ANSWERS

7 X 2 = 14 Marks

20. Pace maker.
21. Scurvy.
22. Insulin.
23. Bile.
24. Function of Stomach
25. Stethoscope.
26. Blood pressure.



Rajiv Gandhi University of Health Sciences, Karnataka

Time: Three Hours

I Year B.A.M.S Degree Examination - MARCH-2019

Max. Marks: 100 Marks

Shareera Kriya - PAPER - II (RS-3)

QP Code: 1258

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. Explain in detail about shat chakra.

1 x 11 = 11 Marks

SHORT ESSAYS

2. Rasa pramana and vridhi kshaya.
3. Shukra kshaya.
4. Swapna bhedha.
5. Dhau mala.
6. Sweda vridhi kshaya.

5 x 5 = 25 Marks

SHORT ANSWERS

7. Oja pramana.
8. Asti kshaya.
9. Dhatu definition.
10. Sweda karya.
11. Stanya pramana.
12. Upadhatu of Rasa Dhatu.
13. Purisha vridhi.

7 x 2 = 14 Marks



Part - B (50 Marks)

LONG ESSAYS

14. Explain in detail about mechanism of speech.

1 x 11 = 11 Marks

SHORT ESSAYS

15. Process of defecation.
16. Cardiac cycle.
17. Exocrine glands.
18. Perception of vision.
19. Immunity.

5 x 5 = 25 Marks

SHORT ANSWERS

20. Nefron.
21. Growth Hormone.
22. Insulin.
23. Layers of skin.
24. Progesteron.
25. Adipose tissue.
26. Blood pressure.

7 x 2 = 14 Marks





Shareera Kriya - Paper - I (RS3)

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.

(50 Marks)

Part – A

LONG ESSAY

1 X 11 = 11 Marks

1. Write in detail about pitta dosha.

SHORT ESSAY

5 X 5 = 25 Marks

2. Bhrajaka pitta.
3. Shlesma stana.
4. Vyana vaata.
5. Vata Vriddi kshaya.
6. Ahara vidhi visheshayatana.

SHORT ANSWERS

7 X 2 = 14 Marks

7. Prakruti.
8. Manasa dosha.
9. Tarpaka kapha.
10. Kroora kosta.
11. Types of Agni.
12. Rooksha guna.
13. Dosha definition.

Part – B

(50 Marks)

1 X 11 = 11 Marks

LONG ESSAY

14. Mechanisam of respiration.

SHORT ESSAY

5 X 5 = 25 Marks

15. Vitamins.
16. Bile.
17. Glycogenesis.
18. Transportation across cell membrane.
19. Central nervous system.

SHORT ANSWERS

7 X 2 = 14 Marks

20. Homeostasis.
21. Artificial respiration.
22. Functions of saliva.
23. Scurvy.
24. Pallagra.
25. Knee hammer.
26. Auditory nerve.



Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - SEP-2018

Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA, PAPER-II (RS4 & RS5)

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. Explain Mootvraha srotus in detail along with its Moolasthan and Utpatti, Karma, Vriddhi Kshaya of Mootra.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Explain the Utpatti, Karma, Vriddhi and Kshaya of Meda Dhatu.
3. Explain the Vriddhi Kshaya and Prakruta Karma of Sweda.
4. Indreya Pancha Panchaka.
5. Nidra Utpatti and Nidra Bheda.
6. Khale Kapota Nyaya.

SHORT ANSWERS

5 x 2 = 10 Marks

7. Medo Dhatu Karma.
8. Ekakala Dhatu Poshana Nyaya.
9. Raktha Vriddhi lakshana.
10. Type of Srotus.
11. Ojo Guna.

Part - B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Explain cardiac cycle in detail along with functional anatomy of heart.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Explain immunity and write the classification of immunity.
14. Explain the types of leucocytes and their functions.
15. What are the types of vessels explain with example.
16. What are Glucocorticoids? Explain their functions.
17. Explain the endocrine functions of pancreas.

SHORT ANSWERS

5 x 2 = 10 Marks

18. Immunoglobulins.
19. Autoimmunity.
20. Glomerular filtration rate.
21. Anemia.
22. Graffian follicle.

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - MARCH-2018

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. What is ojus? Describe its types, sthaana, guna, karma and vikruta lakshanaas.

SHORT ESSAYS

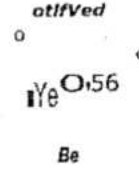
5 x 5 = 25 Marks

2. Define dhatu and upadhatu, enumerate upadhatus
3. Vriddhi and kshaya lakshana of rakta dhatu.
4. Write mala and dhaatu saara purusha lakshana of maamsa dhaatu.
5. Guna and karma of manas.
6. Aashraya aashrayee bhava of dosha and dushya.

SHORT ANSWERS

5 x 2 = 10 Marks

7. Asthi vriddhi lakshana
8. Majja kshaya lakshana
9. Nidra
10. Shuddha shukra lakshana
11. Trividha nyaaya in dhatu poshana



Part - B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Describe haemopoiesis in detail

SHORT ESSAYS

5 x 5 = 25 Marks

13. Formation of urine.
14. Cardiac cycle.
15. Dual glandular function of testes
16. Functions of skin
17. Note on immunity.

SHORT ANSWERS

5 x 2 = 10 Marks

18. Pulse pressure
19. E. C. G. (Electro cardiograph)
20. Bleeding time
21. Oxytocin
22. Nephron

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - SEP-2018

Time: Three Hours

Max. Marks: 100 Marks

SHAREERA KRIYA, PAPER-I (RS4 & RS5)

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. What is kriya kaala, explain each kriya kaala and their importance in detail.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Define deha prakriti and write its classification.
3. Panchabhoutikatva in tridosha and triguna.
4. Vriddhi and kshaya lakshana of kapha dosha.
5. Aahara vargeekarana.
6. Prakupita pitta karma and pitta prakopaka hetu.

SHORT ANSWERS

5 x 2 = 10 Marks

7. Bhraajaka pitta.
8. Taamasa kaaya
9. Nishtha paaka
10. Pittadhara kala
11. Samaana vaayu

Part - B (50 Marks)

LONG ESSAYS

1 x 15 = 15 Marks

12. Describe functional anatomy of respiratory system.

SHORT ESSAYS

5 x 5 = 25 Marks

13. Types of vitamin B with their functions and food sources.
14. Physiology of speech and articulation.
15. Cell membrane physiology.
16. Functions of salivary glands.
17. Digestion of proteins

SHORT ANSWERS

5 x 2 = 10 Marks

18. Residual volume
19. Bile juice
20. Vitamin D
21. C.S.F. (Cerebro spinal fluid)
22. Sensory nerve



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.



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 visheshaayatana? 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. Describe Bhutagni and its role in digestion.
19. Saara Kitta vibhajana

SHORT ANSWERS

7 X 2 = 14 Marks

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

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. Describe different theories related to dhaathu poshana.

1 x 15 = 15 Marks**SHORT ESSAYS**

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

5 x 5 = 25 Marks**SHORT ANSWERS**

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

5 x 2 = 10 Marks**Part — B (50 Marks)****LONG ESSAYS**

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

1 x 15 = 15 Marks**SHORT ESSAYS**

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

5 x 5 = 25 Marks**SHORT ANSWERS**

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

5 x 2 = 10 Marks

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time Three Hours
Marks

Max. Marks: 100

SHIAREERA 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

Time Three Hours
Marks

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

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

kvur

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





SHAREERA KRIYA, PAPER - I (RS4)

QP Code: 3004

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)

1 X 15 = 15 Marks

LONG ESSAY

1. Essay on Shat Kriya kala.

5 X 5 = 25 Marks

SHORT ESSAY

2. Samanya Visheshha Siddhanta.
3. Ahara Parinamkara Bhava.
4. Pancha vidha pitta
5. Pancha vidha kapha
6. Note on Udana Vayu.

SI-MIT ANSWERS

5X 2 = 10 Marks

7. Definition of kosta
8. Synonyms of Shareera.
9. Vata Virddhi Lakshanas.
10. Define Vipaka.
11. Inter relation of Triguna and Tridosha.

Part - B

(50 Marks)

1 X 11 = 11 Marks

LONG ESSAY

12. Describe functional Anatomy of Respiratory system.

SHORT ESSAY

5 X 5 = 25 Marks

13. Functions of Stomach.
14. Functions of pancreas.
15. Physiology of sleep.
16. Composition of saliva.
17. Define Homeostasis, Role of various systems of body in Homeostasis.

SHORT ANSWERS

5 X 2 = 10 Marks

18. Tidal volume.
19. Functions of minerals
20. Kuffer cells.
21. Peristalsis.
22. Portal vein.



[Time: 3 Hours]

[Max. Marks: 100]

SHAREERA KRIYA, PAPER - II (RS4)

QP Code: 3005

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)

1 X 15 = 15 Marks

LONG ESSAY

1. Write in detail about Mamsa Dhatu.

SHORT ESSAY

5 X 5 = 25 Marks

2. Properties and function of Manas.
3. Note on artava
4. Majjasara Purusha Lakshana.
5. Explain shuddha Rakta lakshanas and Panchabhoutika of Rakha.
6. Uttapatti of Shukra Dhatu.

41.110aluo

SHORT ANSWERS

5 X 2 = 10 Marks

7. Swapna Uttapatti.
8. Purisha Vriddhi Lakshanas.
9. Ojo-Swaroopa.
10. Rasa kshaya lakshana
11. Khale-kapota nyaya

Part - B

(50 Marks)

1 X 15 = 15 Marks

LONG ESSAY

12. Describe morphological development and function of leucocytes.

SHORT ESSAY

5 X 5 = 25 Marks

13. Functions of kidney.
14. Formation of faeces and mechanism of defecation.
15. Mechanism of blood clotting.
16. Endocrine functions of pancreas.
17. Composition and function of bone marrow.

SHORT ANSWERS

5 X 2 = 10 Marks

18. Insulin.
19. ECG
20. Classification of immunity
21. Cardiac muscless
22. Composition of urine