

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BAMS 0723]

JULY 2023

Sub. Code: 1405

FIRST PROFESSIONAL B.A.M.S. DEGREE EXAMINATION
(For the candidates admitted from the academic year 2021-2022 onwards)
(New Regulation 2021)
PAPER V – KRIYA SHARIRA – (AyUG-KS) PAPER I

Q.P. Code: 641405

Maximum: 100 Marks (80 Theory + 20 MCQ)

Time: Three Hours

Answer ALL questions

I. Long answer Questions:

(4x10=40)

1. Define Dosha and explain Vyutpatti, Nirukti, Paryaya, Samanyasthana, Guna, Karma, Bheda (types) and specific function of Pitta dosha.
2. Define Ahara, and classifications of Ahara and Describe Ashta Ahara Vidhi Vishsesa Ayatanani in detail.
3. Explain the process of digestion and metabolism of protein.
4. Describe the mechanism of propagation of nerve impulses

II. Short Answer Questions:

(8x5=40)

1. Explain the mutual relationship between tridosha- triguna- panchamahabhuta.
2. Distinguish the similarities and differences between Agni and Pitta in their Guna with example.
3. Vriddhi - kshayalakshana of pitta and kapha.
4. Explain role of Ahara Vidhi vidhana in today's lifestyle.
5. Explain Avsathapaka in detail.
6. Describe the mechanism of positive and negative feedback system with example.
7. Explain physiological role of vitamins.
8. Physiology of temperature regulation.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BAMS 0124]

JANUARY 2024

Sub. Code: 1405

FIRST PROFESSIONAL B.A.M.S. DEGREE EXAMINATION
(For the candidates admitted from the academic year 2021-2022 onwards)
(New Regulation 2021)
PAPER V – KRIYA SHARIRA – (AyUG-KS) PAPER I

Q.P. Code: 641405

Maximum: 100 Marks (80 Theory + 20 MCQ)

Time: Three Hours

Answer ALL questions

I. Long answer Questions:

(4x10=40)

1. Define Dosha and explain Vyutpatti, Nirukti, Paryaya, Samanyasthana, Guna, Karma, Bheda (types) and specific function of Kapha dosha.
2. Define Agni, and write about synonyms, various classifications and importance of Agni in maintaining the different aspect of human physiology.
3. Explain acid - base balance and its mechanism and regulation.
4. Write about adrenal gland and their hormones and explain the functions and names the disorder of Adrenal gland

II. Short Answer Questions:

(8x5=40)

1. Explain the principles of “Dosha- Dhatu- Malam- Mulam hi Shareeram”.
2. Describe the role of Vyana Vayu and Samana Vayu in the process of Rasa Samvahana.
3. Explain the stages of sthana samsraya, Vyaktha avastha, bheda avastha of kriyakala and write the importance of kriyakala in kriya sharira.
4. Describe the characteristic features of Rajasika and Tamasika Prakriti.
5. Aharapaka (Digestion and metabolism in Ayurveda).
6. Explain various types of transportation across cell membrane.
7. Write about the exocrine functions of pancreas.
8. Physiology of Autonomic Nervous System.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BAMS 0725]

**JULY 2025
(SUPPLEMENTARY EXAM)**

Sub. Code: 1405

**FIRST PROFESSIONAL B.A.M.S. DEGREE EXAMINATION
(For the candidates admitted during the academic year 2021-2022 & 2022-2023)
(New Regulation 2021)
PAPER V – KRIYA SHARIRA – (AyUG-KS) PAPER I**

Q.P. Code: 641405

Maximum: 100 Marks (80 Theory + 20 MCQ)

Time: Three Hours

Answer ALL questions

II. Long answer Questions:

(4x10=40)

1. Define dosa and explain vyuthpathi, nirukthi, paryaya, samanayasthana, guna, karma, bhedha and specific function of kapha dosa.
2. Define Ahara and describe Ahara Parinama kara Bhava and its importance.
3. Describe pulmonary circulation and discuss the exchange transport of gases.
4. Describe the mechanism and propagation of nerve impulse.

III. Short Answer Questions:

(8x5=40)

1. Explain the definition and synonyms of the term kriya, sharira and shaarira.
2. Describe the role of tarpaka kapha in protecting the sensory organ.
3. Describe the vriddhi and kshaya of kapha dosha.
4. Describe classification and characteristic features of individuals belonging to each kind of jathyadi prakruti.
5. Define agni. Explain role of agni and explain similarity & difference between the three types of agni.
6. Describe pulmonary circulation.
7. Describe enzyme and its function in metabolism.
8. Describe physiology of speech and articulation.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BAMS 1025]

**OCTOBER 2025
(SUPPLEMENTARY EXAM)**

Sub. Code: 1405

**FIRST PROFESSIONAL B.A.M.S. DEGREE EXAMINATION
(Candidates admitted during the academic year 2023-2024)
(New Regulation 2021)
PAPER V – KRIYA SHARIRA – (AyUG-KS) PAPER I**

Q.P. Code: 641405

Maximum: 100 Marks (80 Theory + 20 MCQ)

Time: Three Hours

Answer ALL questions

II. Long answer Questions:

(4x10=40)

1. Define Dosha and explain Vyuthpathi, Nirukthi, Paryaya, Samanayasthana, Guna, Karma, Bhedha and specific function of pitta dosa.
2. Describe Guna of Kapha Prakruthi according to Charaka Samhitha.
3. Describe neural and chemical control of respiration.
4. Describe the physiology of cranial nerve and add a note on temperature regulation.

III. Short Answer Questions:

(8x5=40)

1. Explain role of Srotas in body.
2. Explain Kshaya Vriddhi and Lakshana of Vata Dosha.
3. Describe Kriyakala according to Susrutha.
4. Write in detail about of Ahara Vidhi Vidhanas.
5. Describe the process of separation of Saara and Kitta.
6. Distinguish between cell temperature and core temperature.
7. Explain physiological role of vitamins.
8. Describe hormones secreted by thyroid gland and functions of thyroid gland.
