

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

[BAMS 0723]

JULY 2023

Sub. Code: 1406

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

Q.P. Code: 641406

Maximum: 100 Marks (80 Theory + 20 MCQ)

Time: Three Hours

Answer ALL questions

I. Long answer Questions:

(4x10=40)

1. Write about Rasa Dhatu in detail.
2. Write about Nirukti, utpattiparyaya, sthana, guna, pramana, karma, vridhi, kshaya lakshana and sara purusha lakshana of shukra dhatu.
3. Nirukti, Utpatti, sthana, guna, karma of purisha and describe physiology of purisha vaha Srotas.
4. Define and describe erythropoiesis and stages of erythropoiesis and explain the factors necessary for erythropoiesis.

II. Short Answer Questions:

(8x5=40)

1. Dhatu poshana nyaya.
2. Majja Vridhi- kshaya lakshana and write the majja pradoshaja vikara.
3. Write the characteristic features of shuddha- Dushita shukra.
4. Describe location, properties and functions of manas.
5. Explain mechanism of Hemostasis.
6. Physiology of muscle contraction.
7. Spermatogenesis.
8. Write the functions of kidney.

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

[BAMS 0124]

JANUARY 2024

Sub. Code: 1406

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

Q.P. Code: 641406

Maximum: 100 Marks (80 Theory + 20 MCQ)

Time: Three Hours

Answer ALL questions

I. Long answer Questions:

(4x10=40)

1. Explain Ashtavidha Sara Purusha Lakshana.
2. Definition, synonyms, classification, properties, formation, functions of Asthi dhatu and write vriddhi-kshaya lakshana of asthi dhatu.
3. Explain upadhatu of Rasa Dhatu.
4. Describe structure, types, synthesis and functions of haemoglobin and write the abnormality of haemoglobin.

II. Short Answer Questions:

(8x5=40)

1. Rasa- Rakta Samvaha (Circulation of Rasa- Rakta).
2. Asthi Majja pradoshaja vikaras.
3. Explain Dhatumala and describe the function of each types of Dhatumala.
4. Properties and Functions of Atma.
5. Physiological basis of ABO and Rh blood group.
6. Write the functions of adipose tissue.
7. Explain the different phases of menstrual cycle.
8. Explain the stages of mechanism of urine formation.

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

[BAMS 0725]

**JULY 2025
(SUPPLEMENTARY EXAM)**

Sub. Code: 1406

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

Q.P. Code: 641406

Maximum: 100 Marks (80 Theory + 20 MCQ)

Time: Three Hours

Answer ALL questions

II. Long answer Questions:

(4x10=40)

1. Write about nirukti, utpatti, paryaya, sthana, guna, pramana, karma, vridhdhi, kshaya lakshanas and sara purusha lakshanas of Rasa dhatu.
2. Describe etymology, derivation, location, properties, pramana and function of Shukra Dhatu.
3. Write in detail about the physiology of purishavaha srotas along with the nirukthi Utpatti, sthana, guna, karma of purisha.
4. Write in detail about the regulation of systemic arterial blood pressure and define the same.

III. Short Answer Questions:

(8x5=40)

1. Explain rakta vriddhikshya and rakta pradhosajavikara in detail.
2. Define Majja dhatu. Write about majjavaha srotas.
3. Describe artavaha srotas and its moolasthanas.
4. Define Nidra and explain Nidrotatti in detail.
5. Describe the composition and function of blood.
6. Describe the process of formation and metabolism of Lipoproteins.
7. Explain Spermatogenesis.
8. Explain Micturition process.

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

[BAMS 1025]

**OCTOBER 2025
(SUPPLEMENTARY EXAM)**

Sub. Code: 1406

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

Q.P. Code: 641406

Maximum: 100 Marks (80 Theory + 20 MCQ)

Time: Three Hours

Answer ALL questions

II. Long answer Questions:

(4x10=40)

1. Write about nirukti, utpatti, parayaya, sthana, guna, pramana, karma, vridhi, kshaya, lakshanas and sara purusha lakshanas of mamsa dhatu.
2. Describe the moolasthanas of asthivahasrotas and write in detail about the asthisarapurusha lakshanas.
3. Describe the physiology of dheer, driti, smriti and manovaha srotas along with the applied physiology of unmada and apasmara.
4. Describe the mechanism of Haemostasis (Coagulation of blood) and name the clotting factors in order.

III. Short Answer Questions:

(8x5=40)

1. Explain Rakta vriddhikshaya and Raktasara purusha lakshanas in detail.
2. Short notes on Shukra Dhatu.
3. Write in detail about the upadhatu of rasa dhatu.
4. Nidra Utpatti and describe about the types of Nidra.
5. Write in detail about the different types of immunity.
6. Write in detail about the process of formation and metabolism of lipoprotein.
7. Explain the auditory pathway and write the mechanism of hearing.
8. Describe the functions of kidney ureter and bladder and explain control of micturition.
