

Rajiv Gandhi University of Health Sciences, Karnataka  
First year BAMS (NCISM) Degree Examination - 11-Aug-2023

Time: Three Hours

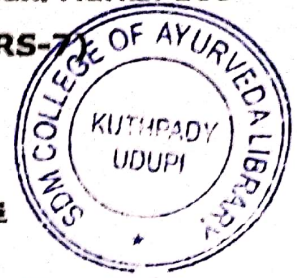
Max. Marks: 100

**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**

**SHORT ESSAYS**

4 x 10 = 40 Marks

Write the Utpatti of Shukra Dhatu. Explain Shuddhashukra lakshana and write Shukrasaara purusha lakshana.

Define Ojas, explain its functions and write its Guna, Pramana, Lakshana and Kshaya lakshana

Describe the formation of Rakta-Dhatu, Ranjana of rasa by Ranjaka pitta, features of Shuddharakta, specific functions of Rakta.

Explain the process of hemostasis.

**SHORT ESSAYS**

8 x 5 = 40 Marks

Describe the functions of the skin.

Explain the process of hemostasis.

Describe the ABO and Rh system of blood groups and explain the physiological basis of blood groups.

Describe location and properties, functions and objects of Manas.

Explain the process of Mutrotpatti.

Write the lakshana of Vriddhi and Kshaya of Mamsa Dhatu.

Explain the Ashraya - Ashrayisambandha.

Write Meda Dhatu Utpatti and explain Meda Sara Prushalakshan.

**Multiple Choice Questions**

20 x 1 = 20 Marks

'Kriyanamapracuryam' is found in \_\_\_\_\_

- Ojo Kshaya
- Ojo Vyapad
- Ojo Visramsya
- Ojo Vriddhi

Color and smell of Ojas as per Charaka \_\_\_\_\_

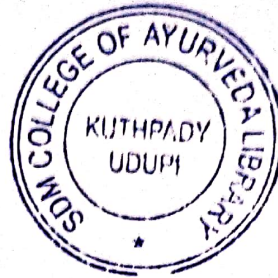
- Ghirta varna and madhugandha
- Madhu varna and Ghirtagandha
- Ghirta varna and Lajagandha
- Laja varna and Ghirtagandha

Normal life span of RBC

- 1hr
- 1 day
- 1 week
- 120 days

5. Colloidal osmotic pressure contributed mainly by
- A. Albumin
  - B. Fibrinogen
  - C. Thrombin
  - D. Prothrombin

- Erythropoietin is secreted by
- A. Stomach
  - B. Adrenal Cortex
  - C. Kidney
  - D. Bone Marrow



- Megaloblastic anemia is due to deficiency of
- A. Vit C
  - B. Vit E
  - C. Vit B12
  - D. Iron deficiency

- Iron is stored in the body in the following except
- A. RE system
  - B. Spleen
  - C. Gallbladder
  - D. Bone marrow

- Total blood volume is \_\_\_% of body weight
- A. 8
  - B. 9
  - C. 10
  - D. 11

- The following are present in circulating blood except
- A. Fibrinogen
  - B. Prothrombin
  - C. Thrombin
  - D. Albumin

- Pramana of Rasa Dhatu
- A. 6 anjali
  - B. 7 anjali
  - C. 8 anjali
  - D. 9 anjali

- Shuddharaktalakshana
- A. Heated gold
  - B. Gold
  - C. Silver
  - D. None of the above

- Lepana is a function of \_\_\_\_\_ Dhatu
- A. Mamsa
  - B. Meda

- C. Asti
- D. Majja

Sukumar Upchartam' requires in \_\_\_\_\_ Dhatusarta

- A. Rasa
- B. Rakta
- C. Mamsa
- D. Meda



Following is mala of Asthi Dhatu.

- A. Kapha
- B. Pitta
- C. Nakha
- D. Kha mala

According to Charak, Anjali, Pramana of Majja is \_\_\_\_\_ anjali

- A. 1
- B. 2
- C. 3
- D. 4

Stripriyaupbhoga is the lakshana found in \_\_\_\_\_ Dhatusarata

- A. Rasa
- B. Rakra
- C. Shukra
- D. Satva

Indriyabhigraha is the \_\_\_\_\_ of Mana

- A. Karma
- B. Guna
- C. Lakshana
- D. All the above

Deshantaragati Swapne is the Lakshana of \_\_\_\_\_

- A. Mana
- B. Atma
- C. Smriti
- D. Buddhi

Synonyms of Nidra is

- A. Swap
- B. Sushupti
- C. Shayan
- D. All of the above

As per Sushruta types of Nidra are \_\_\_\_\_

- A. 7
- B. 4
- C. 6
- D. 3

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