

**First Professional BAMS Degree Regular Examinations July 2023**  
**Kriya Shareera - Paper II (AyUG – KS)**  
**(2021 Scheme)**

Time: 3 Hours

Total marks:100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw diagrams wherever necessary

**1. Multiple Choice Questions****(20x1=20)**

**The Answers to MCQ questions (Q.No.i to Q.No.xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only**

- i. Dasha dhamani (दश धमनी) are the moolasthan of
 

a) Rakta vahasrotas	b) Prana vahasrotas
c) Rasa vahasrotas	d) Anna vahasrotas
- ii. Following is / (are) the synonym(s) of Rakta Dhatu
 

a) Asruk	b) Jeevashonita	c) Kshataja	d) All the above
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- iii. Aksha glani is one of the lakshana of
 

a) Rasa Dhatu Kshaya	b) Majja Dhatu Kshaya
c) Mamsa Dhatu Kshaya	d) All the above
- iv. Kesa sadana is one of the lakshana of
 

a) Majja Dhatu Vruddhi	b) Asthi Dhatu Kshaya
c) Rakta Dhatu Kshaya	d) None of the above
- v. Sarakta meda is a type of
 

a) Majja dhatu	b) Asthi dhatu	c) Rakta dhatu	d) Medo dhatu
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- vi. Which is a function of Sukra dhatu
 

a) Tushti	b) Snehanam	c) Lepamam	d) Beejartham
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- vii. Pramana of Apra Ojas is
 

a) Half Anguli	b) Ashtha Bindu	c) Half Anjali	d) One Anjali
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- viii. Artava is the \_\_\_\_\_
 

a) Upadhatu of rakta	b) Dhatumala of rakta
c) Upadhatu of rasa	d) Both a & c
- ix. Which is अच्छ मल (Accha mala)
 

a) Pureesha	b) Mootra	c) Sweda	d) Dhatumala
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- x. Shleshma Samudbhava is a type of
 

a) Swapna	b) Nidra	c) Ojus	d) All of the above
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- xi. The most abundant granulocytes in human blood is \_\_\_\_\_
 

a) Basophils	b) Neutrophils	c) Eosinophils	d) Monocytes
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- xii. Failure of immune system to recognize self-antigens is called
 

a) Hypersensitivity	b) Immunodeficiency
c) Autoimmunity	d) Anaphylaxis
- xiii. ECG records electrical changes in which of the following layers of the heart
 

a) Epicardium	b) Pericardium	c) Myocardium	d) Endocardium
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**(PTO)**

- xiv. Where does the stimulation of muscle fibers by a motor neuron take place
- Myofibril
  - Transverse tubules
  - Sarcoplasmic reticulum
  - Neuromuscular junction
- xv. \_\_\_\_\_ is known as a Good Cholesterol
- LDL
  - VLDL
  - HDL
  - All of the above
- xvi. In man, Cryptorchidism is the condition when
- Testes do not descent into the scrotum
  - There are two testes in each scrotum
  - Testis degenerates in the scrotum
  - Testis enlarges in the scrotum
- xvii. Ovarian Cortex contains many rounded or oval bodies, called \_\_\_\_\_
- Corpus luteum
  - Ovarian follicles
  - Corpus albicans
  - Antrum
- xviii. Where does filtration of blood take place
- PCT
  - DCT
  - Collecting ducts
  - Malphigian corpuscle
- xix. Chronic renal failure may be detected by raised blood -----
- Protein
  - Urea
  - Calcium
  - Glucose
- xx. In comparison to the cones, the rods are more
- Concentrated in the fovea region
  - Sensitive to dim light
  - Important for colour vision
  - Sensitive to detail

### Short Answer Questions

(8x5=40)

- Explain the nirukti, sthana, guna, karma and pramana of Rasa dhatu.
- Describe Vyadhikshamatva. Describe the types of bala. Enumerate balavriddhikara bhava. (1+2+2)
- Explain in detail about Stanya and Artava.
- Write the guna, karma and artha of manas. What is manovahasrotas. (4+1)
- Describe the structure and functions of hemoglobin. Write a brief note on classification of anaemia.
- Describe the functions of Skin. How sweat glands helps in regulation of body temperature.
- Describe Optic Pathway with a neat labelled diagram.
- Enumerate functions of Kidney and explain Micturition Reflex.

### Long Answer Questions

(4x10=40)

- Describe the synonyms, sthana, guna, karma, pramana, panchabhoutiktawa of rakta dhatu. What are the clinical features of shuddha rakta and rakta sara purusha.
- Describe the guna, karma, pramana and vridhi-kshaya features of Shukra dhatu. Describe the shuddha sukra and artava lakshana
- Define the term Mala. Describe the process of formation of all Aharamalas along with their vridhi and kshaya lakshanas.
- Describe cardiac cycle. Explain the heart sounds.

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