

First Professional BAMS Degree Regular Examinations July 2023
Kriya Shareera (AyUG-KS) - Paper I
(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. शरीरम् अधिकृत्य कृतं तन्त्रं (Shareeram adhikritya kritam tantram) -----
 a) Shariram b) Sharira c) Shaariram d) Both a & c
- ii. दोष धातु मला मूलं सदा देहस्य (Doshadhatu malamoolam sadaa dehasya) is stated by-----
 a) Charaka b) Sushruta c) Vagbhata d) Dalhana
- iii. Pitta prakopa is seen in ----- rutu
 a) Grishma b) Sharat c) Varsha d) Shishira
- iv. 'Smruti' is the function of -----
 a) Prana vata b) Udana vata c) Sadhaka Pitta d) Tarpaka Kapha
- v. Yogavahi is a guna of -----
 a) Rasa b) Vata c) Pitta d) Kapha
- vi. Nabhi is the sthana of -----
 a) Pitta b) Samana c) Udana d) Vyana
- vii. श्लथाङ्गत्वं (Shlathangatwa) is a lakshana of -----
 a) Kapha vriddhi b) Kapha kshaya c) Vata kshaya d) Pitta vriddhi
- viii. Alpanidrata is a lakshana seen in
 a) Vata kshaya b) Pitta vriddhi c) Pitta kshaya d) Kapha kshaya
- ix. Osha, chosha, paridaha lakshanas are seen in ----- kriyakala
 a) Pitta sanchaya b) Kapha sanchaya c) Pitta prasara d) All of the above
- x. (आकाशचारिस्वप्नेषु) Akashachari swapneshu is the lakshana of -----
 a) Vata prakriti b) Pitta prakriti c) Kapha prakriti d) None of the above
- xi. Premature graying of hairs is generally seen in a person belonging to
 a) Vata prakriti b) Pitta prakriti c) Kapha prakriti d) Vata kapha prakriti
- xii. Sarvagraha and parigraha are the types of
 a) Desa b) Kala c) Koshta d) Rashi

(PTO)

- xiii. Aashu pachana and Chiraat pachana lakshanas are seen in -----
 a) Samagni b) Teekshnani c) Vishmagni d) Mandagni
- xiv. Passage of loose stools after consuming milk is the lakshana of -----
 a) Krura koshta b) Madhyama koshta c) Mridu koshta d) Both a & b
- xv. Ultimate rasa formed after the end of digestion is -----
 a) Madhura b) Amla c) Katu d) Vipaka
- xvi. Transcription is the transfer of genetic information from -----
 a) DNA to RNA b) t RNA to m RNA c) DNA to m RNA d) m RNA to t RNA
- xvii. Hypoxia combined with hypercapnia is known as
 a) Asphyxia b) Cheyne – Stoke's breathing
 c) Dyspnoea d) Apnoea
- xviii. Which among these is known as the minibrain of the gut
 a) CNS b) PNS c) ENS d) ANS
- xix. Broadmann's area 44 is also known as
 a) Broca's area b) Wernicke's area
 c) Premotor area d) Primary sensory area
- xx. β Cells of pancreas secrete
 a) Insulin b) Glucagon c) VIP d) Somatostatin

Short Answer Questions

(8x5=40)

- Define srotas. Write the general features of Sroto dushti. Enumerate the srotases with srotomoola according to Acharya Charaka. (1+2+2)
- Write the similarities and differences between Agni and Pitta.
- Enumerate Shat Kriyakala. Explain in detail about Sthanasamshraya.
- Write about Ashta Ahara Vidhi Vishesha Ayatana.
- Describe Avasthapaka. Explain the role of Grahani and Pittadhara kala.
- Define homeostasis. Describe mechanisms of maintenance of homeostasis. List the functions of mitochondria. (1+3+1)
- Write in detail about Functions of Liver.
- Describe the structure and properties of synapse.

Long Answer Questions

(4x10=40)

- Write in detail about sthana, guna karma and types of Pitta.
- Define Prakriti. Write in detail about Kapha Prakriti.
- Describe the process of pulmonary ventilation with pressure changes.
- Enumerate the hormones secreted from Pituitary Gland. Write in detail the actions of Growth Hormone.
