

QP CODE: 136003

Reg. No.

First Professional BAMS Degree Supplementary Examinations

November 2024

Kriya Shareera - Paper II

(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

- is not one amongst the dhatuposhananyaya (धातु पोषण न्याय)
 - Ksheeradadhinyaya (क्षीरदधि न्याय)
 - Khale kapota nyaya (खलेकपोत न्याय)
 - Samanya visheshanyaya (सामान्य विशेष न्याय)
 - Kedarikulyanyaya (कैदारिकुल्या न्याय)
- Rakta (रक्त) has mutual interdependence with
 - Sveda (स्वेद)
 - Mutra (मूत्र)
 - Pitta (पित्त)
 - Kapha (कफ)
- The moolasthan (मूलस्थान) of mamsavaha srotas (मांसवहस्रोतस) is
 - Rakta (रक्त)
 - Tvak (त्वक्)
 - Asthi (अस्थि)
 - None of the above
- The function of asthidhatu (अस्थि धातु) is
 - Dharana (धारण)
 - Poorana (पुरण)
 - Mamsa poshana (मांसपोषण)
 - Vata kopana (वात कोपन)
- Pramana of majja is (मज्ज प्रमाण)
 - 1 anjali
 - 2 anjali
 - 3 anjali
 - 4 anjali
- is a lakshana of shukra sara purusha (शुक्रसार पुरुष लक्षण)
 - Mruduanga (मृदु अंग)
 - Bruhatshareera (बृहत् शरीर)
 - Soumya prekshina (सौम्य प्रेक्षिण)
 - Kshipra kopi (क्षिप्रकोपि)
- Ojo kshaya (ओजो क्षय) is characterised by
 - Shabdaasahatva (शब्दासहत्व)
 - Bibheti (बिभेति)
 - Shishira Preethi (शिशिर प्रीति)
 - Visarpa (विसर्प)
- Number of kandara is
 - 700
 - 900
 - 16
 - 48
- is a karma of mootra (मूत्र कर्म)
 - Raktashodhana (रक्त शोधन)
 - Kledavahana (क्लेदवहन)
 - Preenana (प्रीणन)
 - Vayu dharana (वायु धारण)
- is a lakshana of Atma (आत्म लक्षण)
 - Lobha (लोभ)
 - Smruthi (स्मृति)
 - Avakasha (अवकाश)
 - Klesha (क्लेश)
- Parasitic infections cause an increase in
 - Neutrophils
 - Eosinophils
 - Basophils
 - Lymphocytes

(PTO)

- xii. Hcl produced by gastric juice is involved in ----- immunity
 a) Innate immunity b) Cell mediated immunity
 c) Humoral immunity d) Passive immunity
- xiii. T wave of ECG is produced due to
 a) Atrial depolarization b) Ventricular depolarization
 c) Atrial repolarization d) Ventricular repolarization
- xiv. ----- glands start functioning at puberty
 a) Eccrine glands b) Apocrine glands c) Salivary glands d) Lacrimal glands
- xv. The sarco tubular system is poorly developed in
 a) Skeletal muscle b) Smooth muscle c) Cardiac muscle d) Bone marrow
- xvi. The thin ascending limb of loop of Henle is
 a) Impermeable to water b) Impermeable to NaCl
 c) Semi permeable to water d) Semi permeable to NaCl
- xvii. The renal threshold for glucose is
 a) 180 mg/dl b) 325 mg /dl c) 180 mg/min d) 325 mg/min
- xviii. Sperms are stored in
 a) Epididymis b) Seminal vesicles
 c) Prostate d) Seminiferous tubules
- xix. Increased frequency of menstruation is called
 a) Menorrhagia b) Polymenorrhea c) Dysmenorhea d) Oligomenorhea
- xx. Delta waves of EEG is sleep in ----- state
 a) Drowsiness b) REM sleep c) Deep sleep d) Nightmares

Short Answer Questions

(8x5=40)

2. Explain the formation of Rasa dhatu (रसधातु) from ahara (आहार) and describe Rasa samvahana (रस संवहन) (3+2)
3. Write about the karma and guna of shukra (शुक्र गुण कर्म) and write about the sarvadaihiyata (सार्वदैहिकता) of shukra (शुक्र)
4. Write about karma of pureesha and explain utpatti and vrudhikshaya of pureesha (पुरीष कर्म, उत्पत्ति, वृद्धि क्षय)
5. Describe the properties, objects and functions of Manas (मनो गुण, अर्थ, कर्म)
6. Write about the mechanisms for regulation of heart rate
7. Write about the physiology of menstrual cycle and its stages
8. Write about the Physiology of muscle contraction
9. Describe the micturition reflex in detail

Long Answer Questions

(4x10=40)

10. Write about the srotomoola (स्रोतोमूल), karma (कर्म), vrudhi, kshaya (वृद्धि, क्षय), Shuddha rakta (शुद्ध रक्त) and panchabhoutikata (पांचभौतिकता) of rakta and explain rakta sara purusha lakshana (रक्तसार पुरुष लक्षण) (1+1+1+1+2+2+2)
11. Write about utpatti (उत्पत्ति), srotomoola (स्रोतोमूल), karma (कर्म), vrudhi, kshaya (वृद्धि क्षय), dhatumala (धातु मल) and upadhatu (उपधातु) of majja (मज्जा) and explain majja sara purusha (मज्जा सार पुरुष) (1+1+1+1+1+1+1+3)
12. Write about the concept of artava (आर्तव) and important kalas (काल) of artava chakra (आर्तव चक्र). Write the similarities and differences between raja and artava (रज, आर्तव) (5+3+2)
13. Write about the stages of hemostasis and explain the mechanism of coagulation of blood in detail. Enlist the clotting factors (3+5+2)
