

PAPER CODE: BA2021306

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA STATE, WARANGAL – 506 002

BAMS FIRST PROFESSIONAL DEGREE SUPPLEMENTARY EXAMINATIONS:
SEPTEMBER 2025

KRIYA SHARIR
PAPER II

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary with Black Ball point pen/ HB

Pencil / any dark colour Pencil.

Write all of the following Multiple-Choice Questions:

20 X 1 = 20

1. Ekakala Dhatuposhana Nyaya is said by....
 - a) Chakrapani Dutta
 - b) Aruna Dutta
 - c) Srikanta Dutta
 - d) Gananath Sen
2. Rakta consists of Gunas related to.....
 - a) Agni Mahabhuta
 - b) Jala Mahabhuta
 - c) Both A and B
 - d) Panchamahabhuta
3. Pishitam is the synonym of....
 - a) Mamsa Dhatu
 - b) Rakta Dhatu
 - c) Asthi Dhatu
 - d) None of the above
4. A man is as old as his ...
 - a) Heart
 - b) Liver
 - c) Kidney
 - d) Arteries
5. The presence of Stri Shukra has described by.....
 - a) Charaka and Sushruta
 - b) Bhavaprakasha and Vagbhata
 - c) Vagbhata and Sushruta
 - d) Kashyapa and Sushruta
6. The root of Asthivaha Srotas is.....
 - a) Hridaya
 - b) Meda
 - c) Majja
 - d) Vapavahana
7. The site of Para Oja is
 - a) Hridaya
 - b) Mastishka
 - c) Whole Body
 - d) None of the above
8. Buddhi, Iccha, Sukha, Duhkha etc. are the qualities of
 - a) Manas
 - b) Indriyas
 - c) Atma
 - d) Kaala
9. The main function of Sveda is.....
 - a) Kleda Vahana
 - b) Kleda Vidhruti
 - c) Avashtambhan
 - d) Sandhibandhan

10. Which Sara Purusha possess strong tooth?
- a) Shukla
 - b) Asthi
 - c) Twak
 - d) Majja
11. Anaemia is a condition in which oxygen carrying capacity of blood is.....
- a) Decreased
 - b) Increased
 - c) Same
 - d) Fluctuating
12. Largest immunoglobulin is.....
- a) IgG
 - b) IgE
 - c) IgM
 - d) IgA
13. Blood pressure is defined as the product of
- a) Systolic pressure INTO pulse rate
 - b) Diastolic pressure INTO pulse rate
 - c) Pulse pressure INTO pulse rate
 - d) Cardiac output INTO peripheral resistance
14. Which of the following triggers muscle contraction?
- a) Ca binding tropomyosin
 - b) Ca binding troponin C
 - c) ATP breakdown
 - d) Ca binding troponin I
15. Sertoli cells in the testis have receptors for
- a) FSH
 - b) LH
 - c) INHIBIN
 - d) GNRH
16. The insensible water loss through skin and respiratory tract in 24 hour is...
- a) 1500 To 2300 ml
 - b) 600 To 800 ml
 - c) 300 To 400 ml
 - d) 150 To 250 ml
17. Milk producing hormone is
- a) Relaxin
 - b) Progesteron
 - c) Prolactin
 - d) Oestrogen
18. Active reabsorption of glucose appears to occur in the.....
- a) Loop of Henle
 - b) Proximal Tubule
 - c) Distal Tubule
 - d) All of the above
19. Which lipoproteins transport dietary fat and dietary cholestrol from the intestine.....
- a) HDL
 - b) LDL
 - c) Chylomicron
 - d) VLDL
20. This stage of sleep is characterized by the presence of delta waves.....
- a) Stage 1 sleep
 - b) Stage 2 sleep
 - c) REM sleep
 - d) Stage IV sleep

Write a short essay on the following:

8 X 5 = 40

21. Describe the physiology of Karmendriya.
22. Explain Vriddhi and Kshaya lakshanas of mutra.
23. Enumerate karana and Lakshanas of “Oja vyapath-visramsha -kshaya”
24. Describe the Rakta sara purusha lakshanas.
25. Distinguish between the passive and active Immunization.
26. Describe the functions of skin, sweat glands and sebaceous glands.
27. Describe functional anatomy of kidney.
28. Describe the mechanism of hearing and auditory pathway.

Write an essay on the following:

4 X 10 = 40

29. Explain Etymology, derivation, synonyms, location, properties, pramana, functions and describe the process of formation of Rasa Dhatu from Ahara rasa.
30. Describe the formation of Sukra dhatu and Poshana karma. Explain Suddha Sukra lakshanas.
31. Write Nirukti, Paryaya, Sthana, Guna, Vishaya and Karma of Manas. Write a note on physiology of manovaha srotas.
32. Describe the physiology of regulation of Cardiac output and Venous return.
