Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.A.M.S Degree Examination - SEP-2017

Time: Three Hours   **Max. Marks: 100 Marks**

SHAREERA KRIYA, PAPER-I (Revised Scheme - 4)
Q.P. CODE: 3004

Your answers should be specific to the questions asked. Draw neat, labeled diagrams wherever necessary

(Note: Use the same theory answer scripts for writing Part A and Part B)

Part - A (50 Marks)

LONG ESSAYS   **1 x 15 = 15 Marks**

1. Describe the samanya guna, karma, sthana and types of vata, pitta and kapha. Write the description of prana vayu.

SHORT ESSAYS   **5 x 5 = 25 Marks**

2. Explain about pancha bhautika siddhanta and write relation between triguna, tridosha and pachamahabhuta.
3. Describe loka - purusha samyata.
4. Write a detailed note on classification of purusha.
5. Explain relation of tridoshas with shadrasa. Explain the effects of aho, ratri, vaya, ahara sevana and rutu on tridosha.
6. Describe pachaka pitta.

SHORT ANSWERS   **5 x 2 = 10 Marks**

7. Functions of Agni
8. Name the ahara parinamakara bhavas.
9. Write a brief note on Pittadhara kala.
10. How doshas are produced?
11. Role of bhutagni

Part - B (50 Marks)

LONG ESSAYS   **1 x 15 = 15 Marks**

12. Define ventilation. Describe mechanism of respiration and exchange of gases in the lungs. Describe functions of respiratory system.

SHORT ESSAYS   **5 x 5 = 25 Marks**

13. Describe digestion of carbohydrates, proteins and fats.
14. Classify vitamins. Describe sources, daily requirement, functions, and features of hypo and hyper-vitaminosis of Vitamin-C.
15. Describe the movements of GI tract and their control.
16. Define sleep. Describe different stages and importance of sleep.
17. Explain the roi'dof minerals in the body.

SHORT ANSWERS   **5 x 2 = 10 Marks**

18. Write a brief note on EEG.
19. Enumerate the basic functions of nervous tissue.
20. Define anoxia, hypoxia and asphyxia.
21. Define homeostasis.
22. Name the important functions of cell.