

QP CODE : 125003

Reg. No.

First Year BAMS Degree Examinations October 2017

**KRIYA SHARIR II
(2016 Scheme)**

Time: 3 Hours

Total marks:100

- **Answer All Questions**

Essays:

(2x10=20)

1. Define saarapurusha. Enumerate them with two cardinal features of each sarapurusha. Discuss the role of sara in assessing the strength of individual. (1+6+3)
2. Explain the stages of cardiac cycle. Enumerate the heart sounds and mention how they are produced. (6+4)

Short Notes:

(10x5=50)

3. How does rakta exhibit the characteristics of all the bhootas
4. Discuss the location and functions of ranjakapitta.
5. Explain how vata and asthi are related.
6. Enlist the upadhatus of each dhatu.
7. Describe the types of swapna
8. State 'Frank Starling's hypothesis'. Define preload and afterload.
9. Describe the regulation of glomerular filtration rate.
10. Enlist the factors necessary for erythropoiesis.
11. How is bilirubin formed and excreted in the body.
12. Describe excitation-contraction coupling.

Answer briefly:

(10x3=30)

13. Balavridhikara bhavas
14. Enlist the moolasthanas of prana and udakavahasrotases.
15. Mention the objects of manas.
16. Mention the sareerika and manasikadoshas responsible for nidra and narrate its mechanism.
17. Enumerate the physiological effects of ratri jagarana
18. What is meant by ST segment. Mention its clinical significance.
19. Enumerate the properties of WBCs.
20. Which organ is the 'graveyard' of RBC. Why.
21. Enumerate the steps in the synthesis of thyroid hormones.
22. Enlist the functions of prolactin.
