

First Year BAMS Degree Supplementary Examinations, September 2017
KRIYA SHARIR I
(2012 Scheme)

Time: 3 Hours**Total marks:100**

• **Answer All Questions**

Essays:**(2x10=20)**

1. Explain the concept of shadkriyakaala. Discuss the symptoms occurring in the first 3 kriyakaalas of pitta. (6+4)
2. Vamana is one among the panchakarma therapy. How does this process affect tridoshas. Which are the factors initiating the vomiting reflex. Where is the vomiting centre situated. What is meant by chemoreceptor trigger zone (CTZ). From where do the antiperistaltic waves propel the contents orally. Describe the mechanism of vomiting. (2+2+1+1+1+3)

Short Notes:**(10x5=50)**

3. Narrate the concept of lokapurushasamya.
4. Enumerate the general locations and specific locations of kapha.
5. Enlist any 10 characteristics of pittaprakriti.
6. Describe the mechanism of formation of doshas during aaharapaaka.
7. Explain the statement “agnireva sareere pittantargata.”
8. What is meant by acidosis and alkalosis. Classify and give examples.
9. Describe the nervous control of respiration
10. Differentiate between resting tremor and intentional tremor. Trace out the areas affected.
11. Enumerate the functions of cholecystokinin and secretin.
12. Differentiate between slow pain and fast pain.

Answer briefly:**(10x3=30)**

13. Mention any two clinical applications of prakriti
14. Describe how grahani and pittadharakala are related
15. Enumerate koshtas and mention their dosha dominance.
16. Differentiate between mandagni and vishamagni.
17. Differentiate between reward centre and punishment centre.
18. Compare the transport of lipid and protein substances across cell membrane.
19. Describe reverse chloride shift.
20. Name the stages of sleep. Which stage is important for consolidation of memory.
21. Name the inspiratory and expiratory muscles
22. Why the deep tendon reflexes are exaggerated in UMN lesions.
