

Q.P.Code 1252

Reg. No.:.....  
2014/14

First MD (Ay) Preliminary Examinations - November 2011

(Kriyasareera)

Paper II –Moulika Sidhantha

Time : 3 hrs

Max marks : 100

- Answer all questions
- All questions carry equal marks
- Answer should be specific

1. Describe the organization of human being as per dosha dhatu mala moolam dehasya (दोष धातु मल मूल देहस्य). Write a note on how this model differs from the modern biomedical model of human beings.
2. List and describe the hormones secreted by the adenohipophysis.
3. Describe the functions of praakruta vaata dosha (प्राकृत वात दोष) as per Charaka.
4. What are the functions of vata dosha (वात दोष) associated with the Nervous System.
5. Describe the pancha pittha(पञ्च पित्त). What is the relationship between pittha and agni.
6. Which are the three types of muscle. What are sources of energy for muscle contraction.
7. Describe the structure, numbers and distribution of taste buds. Describe the biomedical physiological process of gustation and its pathway.
8. Describe the avastha pakas (अवस्था पाक) and vipakas(विपाक). What is the difference between shadrasas, avastha pakas and vipakas(षट्तरस, अवस्था पाक, विपाक).
9. Define nidra(निद्रा), classify nidra(निद्रा). What are the principal features of REM and NREM sleep. Name the part of the brain which participates in the sleep-arousal mechanism.
10. Describe acquired Immunity; the principles and types of vaccination.

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