

QP CODE :115003(New Scheme)

Reg. No.

First Year BAMS Degree Examinations, September 2015

(2012 Scheme)

KRIYA SHARIR II

Time: 3 Hours

Total marks:100

• Answer All Questions

Essays:

(2x10=20)

1. Discuss the location, properties, functions, vridhy(वृद्धि) and kshaya lakshana(क्षय लक्षण) of rasa dhatu(रस दातु). Explain the formation of rasa(रस) from aharasara(आहारसार) along with rasa samvahana(रस संवहन). Brief rasa vahasrothas(रस वहस्रोतस) and twak sara lakshnas(त्वक सार लक्षण). (5+2+3=10)
2. Narrate the features of sudha raktalakshana(शुद्ध रक्त लक्षण). Explain the stages and mechanism of blood clotting and the process of fibrinolysis. (2+6+2=10)

Short Notes:

(10x5=50)

3. Explain mechanism of skeletal muscle contraction
4. Explain neural regulation of heart rate
5. Describe the functions of estrogen and progesterone
6. Describe the functions of thyroid hormones in the body
7. Explain nidrotpathi(निद्रोत्पत्ति) and its clinical significance. Mention the types of nidra(निद्रा) according to Charaka
8. Explain vyadhi kshamatva(व्याधि क्षमत्व). Brief bala vridhy karabhavas(बल वृद्धि करभाव)
9. Differentiate between upadhatu(उपधातु) and dhatumalas(धातुमल)
10. Explain the determinants of blood pressure
11. Explain the functions of glucocorticoids
12. Explain jnanedriya(ज्ञानेन्द्रिय) with its adhishtana(अधिष्ठान) and bhoota(भूत) constitution. Describe jnanotpatti(ज्ञानोत्पत्ति)

Answer briefly:

(10x3=30)

13. Types of anemia
14. Explain the stages of spermatogenesis
15. Transport maximum value and renal threshold
16. Mootra(मूत्र) - functions, vridhy(वृद्धि) and kshya lakshanas(क्षय लक्षण)
17. Asthisara(अस्थिसार) and majjasara purusha lakshna(मज्जसार पुरुष लक्षण)
18. Gigantism and acromegaly
19. Calcium metabolism
20. Normal waves and intervals in ECG
21. Atma lakshana(आत्म लक्षण)
22. Swapna(स्वप्न) types
