

**QP CODE :115003(New Scheme)**

**Reg. No. ....**

**First Year BAMS Degree Supplementary Examinations, March 2016**

**KRIYA SHARIR II  
(2012 Scheme)**

**Time: 3 Hours**

**Total marks:100**

• **Answer All Questions**

**Essays:**

**(2x10=20)**

1. Mention the synonyms of rakta(रक्त) and features of sudha rakta(शुद्ध रक्त) and vridhi shaya lakshan(वृद्धि क्षय लक्षण) of rakta dhatu(रक्त धातु). Explain rakta vaha srothas(रक्त वाह स्रोतस) and rakta sara purusha lakshna(रक्त सार पुरुष लक्षण). Name the stages of erythropoiesis.  
(5+3+2=10)
2. Explain the mechanism of regulation of blood pressure with neural, renal, hormonal and local mechanisms

**Short Notes:**

**(10x5=50)**

3. Explain morphology of skeletal muscles, cardiac muscles and smooth muscles
4. Explain endocrine function of pancreas
5. Describe arthava chakra(आर्तव चक्र) as explained in Ayurveda
6. Explain lymphatic system. Describe formation, composition and functions of lymph
7. Explain sara(सार) concept and its significance. Explain the lakshanas(लक्षण) of satva sara purusha(सत्त्व सार पुरुष).
8. Explain the functions of growth hormone in the body .Mention the deficiency disorders
9. Explain the features and types of ojus(ओजस). Brief balavridhy kara bhavas(बलवृद्धिकर भाव).
10. Sukra vaha srothas(शुक्र वह स्रोतस) and narrate the functions of testosterone
11. Explain the innervation of urinary bladder and describe micturition reflex
12. Explain bone remodeling mechanism with factors affecting bone remodeling

**Answer briefly:**

**(10x3=30)**

13. Types of sweat glands
14. Characteristics of existence of atma(आत्म).
15. Myxedema and cretinism
16. Pureesha(पुरीष) – functions, vridhy(वृद्धि) and kshya lakshanas(क्षय लक्षण)
17. Jnanedriyas(ज्ञानेन्द्रिय) and pancha panchaka(पञ्च पञ्चक)
18. Formation of mootra(मूत्र) as per Ayurveda
19. Nidrotipatti(निद्रोत्पत्ति) and bhedas(भेद) according to Charaka
20. Functions of aldosterone
21. Asraya – Asrayi(अस्रय - आस्रायि) relation between dosha(दोष), dhatu(धातु) and mala(मल)
22. Plasma protein functions

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