

**First Professional B.A.M.S (Part II) Degree Supplementary Examinations,
March 2016**

KRIYA SAREERAM – Paper - II

(2010 Scheme)

Time: 3hours

Total Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays**(2x10=20)**

1. Describe the utpatti, sthana, guna (उत्पत्ति, स्थान, गुण) and karma (कर्म) of shukra dhatu (शुक्रधातु). Explain the process of spermatogenesis.
2. Explain the physiology of hearing in detail

Short notes**(10x5=50)**

3. Explain the formation and functions of different layers of tvaca (त्वक्)
4. Explain the mechanism of blood clotting
5. Describe the formation of meda dhatu (मेद धातु) and explain meda sara purusha lakshana (मेद सार पुरुष लक्षण)
6. Types and functions of bone marrow
7. Describe the svaroop, bheda (स्वरूप, भेद) and karma (कर्म) of oja (ओज)
8. Describe the functions of limbic system
9. Functions of cortisol
10. Define nidra (निद्रा). Describe the types of nidra (निद्रा)
11. Functions of nephron
12. Explain sveda utpatti prakriya (स्वेद उत्पत्ति प्रक्रिया) and its role in thermoregulation

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

13. Define upadhatu (उपधातु) and explain upadhatu sankhya (उपधातु संख्य)
14. Balavruddhikara bhava (बलवृद्धिकार भाव)
15. Acquired immunity
16. Mamsa vruddhi kshaya lakshana (मांसवृद्धि क्षय लक्षण)
17. Svaroop (स्वरूप) and pramana (प्रमाण) of shuddhartava (शुद्धार्तव)
18. Dhatu mala (धातु मल)
19. Broca's area
20. Actions of adrenaline
21. Mano vishayas (मनो विषय)
22. Pureesha utpatti (पुरीष उत्पत्ति) and vruddhi kshaya lakshana (वृद्धिक्षयलक्षण)