

(2012 Scheme)**KRIYA SHARIR II****Time: 3 Hours****Total marks:100****• Answer All Questions****Essays:****(2x10=20)**

1. Describe the dhatu poshana nyayas(धातु पोषण न्याय) and mention the limitations of any one among them. (9+1)
2. Mention the pramana(प्रमाण), panchabhoutikatva(पाञ्चभौतिकत्व) and karma(कर्म) of rakta dhatu(रक्त धातु), sudha raktha lakshana(शुद्ध रक्त लक्षण) and features of vridhy-kshaya(वृद्धि क्षय) of raktha dhatu(रक्त धातु) (5+5)

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

3. Karmendriyas(कर्मेन्द्रिय) and its functions. Which is ubhayendriya (उभेन्द्रिय) and why.
4. Define atma(आत्म), mention the characteristic features of existence of atma(आत्म) in living body.
5. Describe swapnotpatthi(स्वपनोत्पत्ति) and types of swapna(स्वप्न).
6. Describe the process of urine formation.
7. Describe the features of cardiac and smooth muscle fibers.
8. Vruddhi lakshanas(वृद्धि लक्षण) of mamsa dhatu(मांस धातु) and mootra(मूत्र).
9. Lipoproteins.
10. Describe the factors regulating cardiac output.
11. Name the adrenal cortical hormones and mention its functions.
12. Describe the menstrual cycle and name the hormones which regulate the cycle.

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

13. Name the seven layers of the twacha(त्वच) and its thickness.
14. Asthisara purusha lakshana(अस्थिसार पुरुष लक्षण).
15. Sthana(स्थान), pramana(प्रमाण), karma(कर्म) of para ojas(पर ओजस).
16. Innate immunity with an example.
17. Describe the rhesus factor blood grouping system. Why is it called rhesus factor.
18. Define arterial pulse and arterial blood pressure.
19. Function of sebaceous glands.
20. Name the hormones produced by the posterior pituitary and mention their functions.
21. Define jaundice and name one cause for jaundice.
22. What are macrophages. Which type of blood cell transforms into macrophages.
