

[LE 1355]

[SUB. CODE 1355]

**FIRST B.A.M.S DEGREE EXAMINATION – APRIL 2014**

**PAPER V – KRIYA SHARIR - II**

***Q.P. CODE : 641355***

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer All Questions**

**I. Essay Questions.**

**(2X15=30)**

1. Write about the Ojas on the following aspects: (a) Nirukti (b) Utpatti (c) Sthana and Guna (d) Bheda and Pramana (e) Karma (f) Vriddhi lakshana (g) Kshaya lakshana (h) Ojo vikara (i) Ojo-bala sambandha.
2. Narrate the physiological significance of Thyroid hormones.

**II. Short Notes.**

**(10X5=50)**

1. Write about the *Upadhatu* of *Mamsa Dhatu*.
2. *Mutra Vijnana* as per *Ayurveda*.
3. *Rakta Vriddhi Kshaya Lakshanas*.
4. Mutual interdependence of *Doshas* and *Dushyas* as per *Astanga Hrudayam*.
5. *Lakshana, Guna, Karma, Vishaya and Artha* of *Manas*.
6. Functions of Plasma Proteins.
7. Explain the basis of Excitation Contraction Coupling.
8. Give a brief account of Menstrual cycle.
9. Write about the regulation of Heart rate.
10. Describe the Electro-physiology of Electrocardiogram.

**III. Short Answers.**

**(10X2=20)**

1. List out the *Dhatu Poshana Nyayas*.
2. *Rasotpatti*.
3. *Pancha Bhoutikatwam* of *Rakta Dhatu*.
4. *Vriddhi* and *Kshaya Lakshana* of *Sukra Dhatu*.
5. Name the *Pancha Jnanendriyas*.
6. Composition of Blood Plasma.
7. Functions of Adipose tissue.
8. Functions of Skin.
9. Cardiac Murmurs.
10. Enlist the normal and abnormal ingredients of urine.

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