

LC 1505

Sub. Code. 1505

FIRST YEAR B.N.Y.S DEGREE EXAM - FEBRUARY 2013

PAPER – III-HUMAN PHYSIOLOGY – I

Q.P. Code - 821505

Time: 3 hours:

Maximum: 100 Marks

ANSWER ALL QUESTIONS

I.Essay Questions:

(2x15=30)

1. Define Cardiac cycle. Explain the various events in cardiac cycle. Add a note on pressure changes during cardiac cycle.
2. Explain the mechanism of urine formation. Add a note in renal function tests.

II.Short Notes:

(10x5=50)

1. Explain the release and functions of Gastro-intestinal hormones.
2. Define homeostasis. Explain its mechanism.
3. Explain the intrinsic mechanism of coagulations of blood.
4. Explain the composition and functions of pancreatic juice
5. Explain defecation reflex and add a note on constipation.
6. Define Juxtaglomerular Apparatus. Write its functions.
7. Write about the mechanism in regulation of body temperature.
8. Describe heart sounds. Add a note on cardiac murmur.
9. Describe cardiovascular adjustments during exercise.
10. Explain the mechanism of exchange of respiratory gases.

III.Short Answers:

(10x2=20)

1. Explain types of sleep.
2. What is micturation reflex.
3. Define Eupnea.
4. What mountain sickness.
5. What is cyanosis.
6. Chat is extra systole.
7. Describe epocrine glands.
8. Explain Dead space.
9. What are procoagulants.
10. Explain plasmapheresis.
