

[LE 1505]

FEBRUARY 2014

Sub.Code :1505

FIRST YEAR B.N.Y.S. DEGREE EXAM

PAPER II – HUMAN PHYSIOLOGY-I

*Q.P. Code : 821505*

**Time: Three hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Essays Questions:**

**(2X15=30)**

1. Explain the transport of oxygen and carbondioxide in blood.
2. Explain the composition, function and regulation of secretion of pancreatic juice.

**II. Short Notes:**

**(10x5=50)**

1. Write a note on factors regulations GFR (Glomerular Filtration Rate)
2. Note on process of concentration of urine
3. Note on mechanism of secretion of gastric juice
4. Note on movements of large intestine
5. Note of cardiac murmur
6. Note on oxygen haemoglobin dissociation curve
7. Briefly describe about nutrition deficiency anemia
8. Note on active transport
9. Explain about the regulation of gastric secretion
10. Note on factors maintaining cardiac output

**III. Short Answers:**

**(10X2=20)**

1. Define cardiac output
2. Define residual volume
3. Hering – Breuer reflex
4. What is serum
5. Define erythropoiesis
6. Define osmosis
7. What are the types of ribosomes

8. What is vago vagal reflex
9. What is thalassemia
10. What is the function of suppressor T cells

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