

[LH 0815]

AUGUST 2015

Sub. Code: 1006

B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY
(New Syllabus 2014-2015)

FIRST YEAR

PAPER I – ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY

Q.P. Code: 801006

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Give an account of breast under the following headings. Location, boundaries, contents and lymphatic drainage.
2. Define erythropoiesis. Discuss its various stages of development. Add a note on anaemia.
3. Define glycolysis. Explain the steps involved in glycolysis, its energetics and regulation.

II. Write notes on:

(8 x 5 = 40)

1. Types of nervous system with their components. Enumerate the cranial nerves in order.
2. External features of Right lung.
3. Functions of platelet.
4. Normal ECG.
5. Micturition reflex.
6. Deglutition.
7. Importance of balanced diet and associated disorders.
8. Vitamin C- its importance and deficiency disease.

III. Short Answers on:

(10 x 3 = 30)

1. Name the parts of liver.
2. Name the types of muscles with examples.
3. Name the parts of cerebral cortex.
4. Palatine tonsil.
5. Define GFR and its normal value.
6. Cell organelles.
7. Functions of CSF.
8. Active site of an enzyme.
9. Essential fatty acids.
10. Essential amino acids.
