

B.Sc. CRITICAL CARE TECHNOLOGY
(New Syllabus 2015-2016)

FIRST YEAR

Paper I – ANATOMY AND BIOCHEMISTRY

Q.P Code : 801231

Time : Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe Kidney under the following headings.
a) Location b) Coverings c) Relations d) Blood supply.
2. Enumerate the gross anatomy of Thyroid Gland in detail.
3. Explain the factors regulating acid base balance.

II. Write Notes on:

(8 x 5 = 40)

1. Islets of Langerhans.
2. Deltoid muscle.
3. Unsaturated fatty acids.
4. Great saphenous vein.
5. Glycolysis.
6. Enumerate the differences between Kwashiorkor and Marasmus.
7. Muscles of Pharynx.
8. B - Complex vitamins.

III. Short Answers on:

(10 x 3 = 30)

1. How many carpal bones are present? Name them.
2. What is Hilton's Law?
3. Name the functions of Anti-diuretic hormone.
4. What is Erb's point?
5. What are the causes of Vitamin A deficiency?
6. Name the tributaries of superior vena cava.
7. What is Benedict's test?
8. Name the endocrine glands.
9. Mention the factors affecting Basal Metabolic Rate.
10. What are Buffers?
