

B.Sc. PHYSICIAN ASSISTANT

FIRST YEAR

PAPER I – ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY

Q.P. Code: 801601

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Define erythropoiesis, list the different stages of erythropoiesis, explain briefly about factors regulating it.
2. Explain about the physiology of respiration.
3. Explain in detail about the liver function test.

II. Write notes on:

(8 x 5 = 40)

1. Granulocytes and agranulocytes.
2. Circle of Willis.
3. Electrocardiogram.
4. Blood clotting factors.
5. Functions of skin.
6. Polysaccharides.
7. Urea cycle.
8. Enzymes in myocardial infarction.

III. Short answers on:

(10 x 3 = 30)

1. Pleura.
2. Brachial plexus.
3. Humerus.
4. Nissl's Bodies.
5. Synovial joint.
6. Essential Fatty acids.
7. Name the hormones which regulates glycogen metabolism?
8. Highdensity lipoproteins.
9. Hyperkalemia.
10. Aromatic acids.
