

[AHS 0321]

MARCH 2021

Sub. Code: 1601

(AUGUST 2020 EXAM SESSION)

B.Sc. PHYSICIAN ASSISTANT

FIRST YEAR (Regulations 2010-2011 & 2014-2015)

PAPER I – ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY

Q.P. Code : 801601

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Name the parts of small intestine. Write the details about structure and digestive and absorptive functions of small intestine.
2. Define Erythropoiesis. List the different stages of Erythropoiesis. Explain briefly about factors regarding it.
3. Describe the chemistry, biochemical functions, daily requirement, sources and deficiency manifestations of Vitamin

II. Write notes on:

(8 x 5 = 40)

1. Meninges of Brain.
2. Synovial joint.
3. Structure of the Skin and its functions.
4. Juxtaglomerular apparatus.
5. Heart sounds.
6. Contraceptive methods.
7. Urea cycle.
8. Unsaturated fatty acids.

III. Short answers on:

(10 x 3 = 30)

1. Difference between sympathetic and parasympathetic nervous system.
2. Boundary of Thoracic inlet.
3. Draw a neat diagram of typical rib and label its parts.
4. Functions of connective tissue.
5. Define Cardiac Output. Mentions the factors affecting it.
6. Name the cells and hormones secreted by the anterior pituitary gland
7. Name the clotting factors.
8. Glucose Tolerance Test.
9. Enzyme inhibition.
10. Importance of HDL and LDL.
