

[LH 0815]

AUGUST 2015

Sub. Code: 1601

**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. Discuss in detail about the blood supply of brain.
2. Define Blood pressure. Discuss the role of kidneys in the regulation of BP. Add a note on hypertension.
3. Define and classify enzymes with suitable examples. Explain in detail about factors affecting enzyme.

II. Write notes on:

(8 x 5 = 40)

1. Arterial supply of heart.
2. Movements of hip joint.
3. Juxta glomerular apparatus.
4. Erythroblastosis fetalis.
5. Functions of kidney.
6. Discuss about polysaccharides.
7. Lipoproteins and their types.
8. Jaundice.

III. Short Answers on:

(10 x 3 = 30)

1. Name the salivary glands.
2. Name the parts of liver.
3. Name the parts of nephron.
4. Myxoedema.
5. Four functions of hypothalamus.
6. Hemiplegia.
7. Aphasia.
8. Basal metabolic rate.
9. Vitamin D deficiency.
10. Importance of HDL and LDL.
