

[LG 0215]

FEBRUARY 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. Draw a neat diagram of clavicle, label its parts and explain its features and muscles attachment.
2. Classify proteins, based on their structure and functions.
3. Describe the parts of neuron and classify nerve fibers and draw a typical spinal nerve.

II. Write notes on:

(8 x 5 = 40)

1. Write about protein energy malnutrition.
2. Define phospholipids.
3. What are the types of blood groups?
4. Write a note on components of blood.
5. Short notes on retina.
6. Explain Vision pathway.
7. Bronchopulmonary segments with diagram.
8. Write about pericardium.

III Short answers on:

(10 x 3 = 30)

1. Mention the function of thyroid hormone in brief.
2. Write short notes on pleura.
3. Name the hormones which regulates glycogen metabolism.
4. Functions of ribosomes.
5. Name the bones of upper limb.
6. What is referred pain?
7. What is cardiac output?
8. What are the branches of arch of aorta?
9. List the contents of popliteal fossa.
10. What is anaerobic respiration?
