

[LI 0216]

FEBRUARY 2016

Sub. Code: 1306

**B.Sc. DIALYSIS TECHNOLOGY**  
(New Syllabus 2014-2015)

**FIRST YEAR**

**PAPER I – ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY**

*Q.P. Code: 801306*

**Time : Three Hours**

**Maximum : 100 Marks**

**Answer ALL questions.**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Draw a neat diagram of clavicle. Add a note on side identification, features, joints it forms and muscles attached to it.
2. Describe the cardiac cycle in detail.
3. What are lipids? Describe the classification and function of lipids.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Pleura.
2. Larynx.
3. Chambers of heart.
4. Haemoglobin.
5. Neuromuscular junction.
6. Hormones secreted by pituitary gland.
7. Heart sounds.
8. Thiamine.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Anatomical position.
2. Pericardium.
3. Coronary artery.
4. Exocytosis.
5. Mention the normal RBC count in females.
6. What is vital capacity?
7. What is molality?
8. What is Rh factor?
9. Name the gastrointestinal hormones.
10. What is bile?

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