

[LN 1018]

OCTOBER 2018

Sub. Code: 1001

**FELLOWSHIP IN CRITICAL CARE MEDICINE EXAMS
FINAL YEAR
PAPER I - BASIC SCIENCES APPLIED TO CRITICAL CARE**

Q.P. Code :231001

Time : Three hours

Maximum : 100 marks

I. Elaborate on :

(2 x 20=40)

1. Describe Lobes of liver. How will you differentiate types of Jaundice? Stages of hepatic encephalopathy.
2. What is the difference between ventilation and oxygenation? Enumerate regulation of respiration and types of respiratory failure.

II. Write notes on:

(10 x 6 = 60)

1. Hyperkalemia – Definition & ECG Changes.
2. Thyrotoxicosis.
3. Clinical anatomy anterior triangle of neck.
4. Applied anatomy of neuromuscular junction.
5. Dobutamine.
6. Broncho-pulmonary segments.
7. Amiodarone.
8. Anatomy of Circle of Willis.
9. Anatomy of Coronary Circulation.
10. Intrinsic pathway of blood coagulation.
