

[AHS 0321]

MARCH 2021

Sub. Code: 1131

(AUGUST 2020 EXAM SESSION)

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY**FIRST YEAR (From 2018-2019 onwards)****PAPER I – BASIC SCIENCES*****Q.P. Code : 801131*****Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(3 x 10 = 30)**

1. Explain in detail about Cardiac Cycle.
2. Draw a neat diagram of a Kidney and Explain in detail about the structure of the kidney.
3. Fat soluble vitamins.

II. Write notes on:**(8 x 5 = 40)**

1. Functions of Bone.
2. Pancreas.
3. Diaphragm.
4. Male urethra.
5. Composition of Blood
6. Hypertension.
7. Surfactants.
8. Erb's Palsy.

III. Short Answers on:**(10 x 3 = 30)**

1. Intervertebral disc.
2. Blood supply of the Heart.
3. Functions of Mitochondria.
4. Draw and Label the diagram of Neuron.
5. Landsteiner's Law.
6. Functions of Vitamin – C.
7. Parts of the small intestine.
8. Waves of Electro cardiogram.
9. Glomerular Filtration Rate.
10. Phases of Menstrual cycle.
