

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 1122]

NOVEMBER 2022

Sub. Code: 1241

B.Sc. CRITICAL CARE TECHNOLOGY

FIRST YEAR (Regulation 2018-2019)

PAPER I – ANATOMY + APPLIED ANATOMY + BIOCHEMISTRY

Q. P. Code: 801241

Time: Three hours

Maximum : 100 Marks

Answer ALL Questions

I. Elaborate on: **(3 x 10 = 30)**

1. Describe the Gross Anatomy of Liver in detail.
2. Describe Kidney under the following headings:
 - a) Location
 - b) Coverings
 - c) Relations
 - d) Blood supply.
3. Enumerate the energetics and regulation of Glycolysis.

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

1. Bronchopulmonary segments.
2. Spinal Cord.
3. Coronary circulation.
4. Muscles of Respiration.
5. Deltoid Muscle.
6. Anatomical Planes.
7. Pleural recesses.
8. Basal Metabolic Rate.

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

1. Contents of Cubital Fossa.
2. Winging of Scapula.
3. What are Surfactants? Give its functions.
4. Saturday Night Palsy.
5. Types of Tissues.
6. Normal Anatomical Position.
7. Deficiency of Vitamin A.
8. What is Pellagra?
9. Acid Base Balance.
10. Parts of vertebral column.
