

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

[AHS 0423]

APRIL 2023

Sub. Code: 1241

**B.Sc. CRITICAL CARE TECHNOLOGY
FIRST YEAR (Regulation 2018-2019 onwards)
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. Anatomy of Thyroid Gland.
2. Enzymes and factors affecting Enzyme Activity.
3. Major Vessels of Circulatory System.

II. Write Notes on: (8 X 5 = 40)

1. Vertebral column.
2. Fat soluble vitamins.
3. Sympathetic Nervous system.
4. Classify tissues.
5. Pain pathway.
6. Anatomy of Kidney.
7. Pharynx.
8. Anatomy of pancreas.

III. Write Short notes on: (10 X 3 = 30)

1. Circulation of CSF.
2. Circle of Willis.
3. Pleura.
4. Pulmonary vessels.
5. Humerus.
6. Molality.
7. Define BMR.
8. Cartilages of Larynx.
9. Henderson-Hasselbalch equation.
10. Classification of Lipids.
