

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

[AHS 0321]

MARCH 2021

Sub. Code: 1701

(OCTOBER 2020 EXAM SESSION)

M.Sc. CRITICAL CARE TECHNOLOGY

FIRST YEAR (From 2017-2018 onwards)

**PAPER I – APPLIED ANATOMY AND PHYSIOLOGY RELATED TO
CRITICAL CARE**

Q.P. Code : 281701

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Describe in details about the presenting parts and relations of lung and discuss about the clinical importance.
2. Describe in details about control of arterial blood pressure and heart rate.

II. Write Short Notes on:

(10x6 = 60)

1. Juxtaglomerular apparatus.
2. Surfactant.
3. Parathyroid gland.
4. Cerebrospinal fluid.
5. Nasopharynx.
6. Cardiac output.
7. Circle of Willis.
8. Oxygen–haemoglobin dissociation curve.
9. Diaphragm.
10. Metabolic acidosis.
