

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

[AHS 1022]

OCTOBER 2022

Sub. Code: 1701

**M.Sc. CRITICAL CARE TECHNOLOGY
FIRST YEAR**

(Candidates admitted from 2017-2018 onwards – Paper - I)

(Candidates admitted from 2020-2021 onwards - Paper - II)

**PAPER I & II – 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 detail about the tracings of pleural reflections and add note on anatomical basis of pleural effusion.
2. Compare the pulmonary and systemic circulations, listing the main differences between them.

II. Write Short Notes on: (10x6 = 60)

1. Thyroid gland.
2. Laryngopharynx.
3. Brain death.
4. Muscles of tongue.
5. Cardiac arrhythmias.
6. Typical ribs.
7. Hypoxia.
8. Pericardium.
9. Gag reflex.
10. Adrenal gland.
