

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

[AHS 0321]

MARCH 2021

Sub. Code: 1703

(OCTOBER 2020 EXAM SESSION)

M.Sc. CRITICAL CARE TECHNOLOGY

FIRST YEAR (From 2017-2018 onwards)

**PAPER III – APPLIED PATHOLOGY AND MICROBIOLOGY RELATED TO
CRITICAL CARE**

Q.P. Code : 281703

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Define COPD. List out the diseases included in it? Write briefly about Bronchial Asthma.
2. Define sterilization and disinfections. Add a note on Different types of sterilization.

II. Write Short Notes on:

(10x6 = 60)

1. Write in detail about pathogenesis of myocardial infarction.
2. Mention causative organism for tuberculosis, risk factors and pathogenesis of primary tuberculosis.
3. Role of Health Care workers in preventing Health Care-Associated Infections.
4. What is Hepatic Coma? Discuss in detail about its causes and management in ICU.
5. Mention common types of poisoning? Discuss in detail about Management of Organo phosphorus poisoning.
6. Factors affecting the Wound healing and its Complications
7. Define Neutropenia? What are all the causes of Neutropenia?
8. Expand CSSD? Importance of hand washing in preventing infections and steps involved In hand washing technique?
9. Mention precautions for prevention of needle stick injury and the protocol to be followed after needle stick injury?
10. What is the causative agent for Malaria? Mention its types and laboratory diagnosis of Malaria.
