

M.D. DEGREE EXAMINATION

BRANCH X –ANAESTHESIOLOGY

**ANAESTHESIOLOGY INCLUDING CRITICAL CARE AND RECENT
ADVANCES IN ANAESTHESIOLOGY**

Q.P.Code: 202042

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. What are the indications of Renal Replacement therapy? Discuss the different modes of renal replacement therapy.
2. Discuss the various components of Surviving Sepsis Guidelines.

II. Write notes on:

(10X7=70)

1. Pressure Support Ventilation – Description, Uses and advantages.
2. Cryoprecipitate – Contents, uses dose.
3. Enumerate the causes and treatment of thrombocytopenia in the ICU.
4. Write the algorithm for pulseless electrical activity.
5. Obstructive Sleep Apnoea – Symptoms and diagnostic criteria.
6. Enumerate the clinical manifestations of anaphylaxis.
7. Norepinephrine – Pharmacology, indications and dosage.
8. Causes, manifestations and treatment of Methhaemoglobinemia.
9. Ventilator Associate pneumonia – Risk factors and recommendations for prevention.
10. What are the different methods of randomization and blinding?
