

Q.P Code

Reg. No.

PG Degree Regular/Supplementary Examinations in General Medicine (M.D)

PAPER IV – Recent advances in the subject

Time : Three Hours

Maximum : 100 Marks

Essay:

(20)

1. Explain the mechanism, clinical indications, and cardiovascular/renal outcomes of SGLT2 inhibitors and GLP-1 receptor agonists based on recent clinical trials

Short Essays

(8 x10 = 80)

2. CAR-T cell therapy in hematological malignancies.
3. Role of ECMO (Extracorporeal Membrane Oxygenation) in severe respiratory failure.
4. Liquid biopsy and its role in early cancer detection.
5. Non-invasive biomarkers for Non-Alcoholic Fatty Liver Disease (NAFLD/MASH).
6. Recent guidelines on the management of Septic Shock (Surviving Sepsis Campaign updates).
7. Gene editing technology (CRISPR-Cas9) in genetic blood disorders.
8. Newer anticoagulants (DOACs) and their specific reversal agents..
9. Novel Oral anticoagulants in chronic Kidney disease