

Q.P Code

Reg. No.

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

PAPER I – Basic sciences as applied to the subject

Time : Three Hours

Maximum : 100 Marks

Essay:

(20)

1. A 33yearold male with a BMI of 24 has a fasting lipid profile as a part of his regular screening. Past medical history and family history noncontributory. Medications None. Fasting lipid profile- Triglycerides 150 mg/dL, Total cholesterol 250 mg/dL, HDL 30 mg/Dl, LDL 150 mg/dL
 - a) How will you advise this patient
 - b) Discuss the pathogenesis, the diagnostic tests, therapeutic interventions, and follow up strategies for low HDL cholesterol levels

Short Essays

(8 x10 = 80)

2. Embryological basis of ventricular septal defect.
3. Neurotransmitters.
4. Biomarkers of acute myocardial infarction.
5. Bisphosphonates.
6. Histopathology of inflammatory bowel disease.
7. Immunology of graft rejection.
8. Nerve supply of the tongue.
9. Coagulation Cascade.