

PG Degree Examinations in General Medicine (MD) - May 2017

Paper I – Basic Sciences as Applied to General Medicine

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays: (20)

1. A 25 years old married female with amenorrhea of eight months presented with fever and jaundice of one week duration. The investigations results are follows. Total bilirubin 10.80 mg/dl, Direct bilirubine 8mg/dl SGOT 882 iu, SGPT 9000 iu. Alkaline phosphate 532 iu, HBs Ag +ve HB –Ag +ve. Answer the following: Discuss the differential diagnosis and evaluation. Discuss the therapeutic option for hepatitis B infection in this patient. (10+10)

Short essays: (8x10=80)

2. Incretins
3. Lymphatic drainage of lungs
4. Uric acid metabolism
5. Anatomy of cerebral venous system and its applied aspects in clinical medicine
6. Bioterrorism
7. Renin angiotensin aldosterone system and its intervention in hypertension
8. Pathophysiology of acute coronary syndrome
9. Polycystic ovarian syndrome (PCOS)
