

D.M. – GASTROENTEROLOGY

Paper I – BASIC SCIENCES APPLIED TO THE SPECIALITY

Q.P.Code: 161251

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the epidemiology, pathogenesis, diagnosis, management and complications of gastro esophageal reflux disease (GERD).
2. Describe the hepatocyte and discuss bile acids in health and disease.

II. Write notes on:

(10 x 7 = 70)

1. Oncogenes
2. Pathogenesis of pain in chronic pancreatitis.
3. Kupffer cells.
4. HFE gene mutation.
5. Biomarkers of hepatic fibrosis.
6. 5-aminosalicylic acid.
7. Meckel's diverticulum.
8. Solitary rectal ulcer.
9. Gut mucosal IgA.
10. Hydrogen breath test.
