

(LR 013)

NOVEMBER 2020

Sub. Code: 1251

(AUGUST 2020 SESSION)

D.M. – MEDICAL 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 hepatic microcirculation. Its physiology and pathophysiology in liver diseases.
2. Discuss the brain-gut microbiome axis and its role in pathogenesis in Irritable Bowel syndrome.

II. Write notes on:

(10 x 7 = 70)

1. Anatomy of cricopharyngeus muscle and its dysfunction
2. Gastric glands and its function
3. Describe common channel anomaly in sphincter of Oddi and its clinical Importance
4. Parasites causing malabsorption
5. Hydrogen breath test
6. Mismatch repair pathway in colorectal cancer
7. Hepatic erythropoietin
8. Genetics in hereditary pancreatitis
9. Viruses causing acute liver failure
10. Trientine – uses, dosage and side effects
