

QP Code: 101502

Reg. No.:.....

**D.M. (Gastroenterology) Degree Regular/Supplementary Examinations
September 2020**

Paper I – Basic Sciences

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Describe the segmental anatomy of the normal liver. Discuss the process of liver regeneration after hepatic resection.

Short essays:

(8x10=80)

2. Pancreatic acinar cell
3. Rifaximin
4. Physiology of vitamin B₁₂ absorption
5. Normal gastric motility
6. Histological changes in ulcerative colitis
7. Genetics of Wilson disease
8. Covalently closed circular DNA
9. Pathogenesis of drug induced hepatitis
