

**QP Code: 101502**

**Reg. No.:.....**

**D.M. (Gastroenterology) Degree Examinations July 2019**

**Paper I – Basic Sciences**

**Time: 3 hrs**

**Max marks: 100**

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

**Essay:**

**(20)**

1. Discuss the pathogenesis, risk factors, composition of gall stones and imaging studies of the biliary tract

**Short essays:**

**(8x10=80)**

2. Reflux laryngitis syndrome
3. Pancreatic stellate cell
4. Rifaximin
5. Hirrschsprungs diseases
6. Superior mesenteric artery syndrome
7. Endoscopic sedation
8. Precancerous lesions of carcinoma esophagus
9. Gastrin

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