

QP Code:104508

Reg.No.:.....

**M.Ch. (Gastrointestinal Surgery) Degree Regular/Supplementary  
Examinations September 2020**

**Paper IV – Recent Advances**

**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. Discuss the role of robotics in GI surgery

**Short essays:**

**(8x10=80)**

2. CT volumetry in liver surgery
3. Liver cell transplant
4. Step up approach in acute pancreatitis
5. Spyglass cholangioscopy
6. Trans anal minimally invasive surgery
7. Complications of surgery for morbid obesity
8. Balloon – occluded retrograde trans venous obliteration (BRTO)
9. Endoscopic suturing

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