

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0822)

AUGUST 2022

Sub. Code: 1971

M.Ch. – HEPATO PANCREATICO BILIARY SURGERY

**Paper I – BASIC SCIENCES AND GENERAL PRINCIPLES IN
HPB SURGERY**

Q.P. Code: 181971

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Preoperative biliary drainage in hepato pancreato biliary surgery – indications, techniques, complications and controversies.
2. Abernethy malformation – pathogenesis, classification, complications, diagnosis and management.

II. Write notes on:

(10 x 7 = 70)

1. International normalized ratio.
2. Microscopic anatomy of the liver and zones of injury.
3. Combined hepatocellular – cholangio carcinoma.
4. Standard lymphadenectomy for pancreatic ductal adenocarcinoma as recommended by the International Study Group on Pancreatic Surgery (ISGPS).
5. Clavien-Dindo classification of surgical complications.
6. Palliative treatment of pancreatic cancer.
7. Duodenal gastrointestinal stromal tumours.
8. Makuuchi's criteria for safe hepatic resection.
9. Application of KRAS mutation in colorectal liver mutation.
10. Associated congenital anomalies in children with biliary atresia.
