

**M.Ch. – HEPATO PANCREATICO BILIARY SURGERY**

**Paper IV – HPB AS APPLIED TO ALLIED SCIENCES AND  
RECENT ADVANCES IN HPB SURGERY**

*Q.P. Code: 181974*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe in detail about the current management of colorectal liver metastasis.
2. Describe in detail the radiological image workstation platforms and its applications in liver resections including liver transplantation.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Argon plasma coagulation.
2. Usage of thrombo-elastography.
3. Endosonography in pancreatic diseases.
4. Use of indocyanine green in HPB surgery.
5. Newer antiviral therapy for hepatitis C.
6. Simulation in surgical training.
7. Ventilator associated pneumonia.
8. Use of robotics in HPB surgery.
9. ALPPSS procedure.
10. Newer immunosuppressants in liver transplantation.

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