

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

**(MCH 0822)**

**AUGUST 2022**

**Sub. Code: 1972**

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

**Paper II – HPB SURGERY – LIVER AND TRANSPLANTATION**

*Q.P. Code: 181972*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:** **(2 x 15 = 30)**

1. Definition, pathophysiology, clinical features and management of small for size syndrome in liver transplantation with emphasis on portal flow modulation in living donor liver transplantation.
2. Budd Chiari syndrome – predisposing factors, pathology, clinical features, diagnosis and treatment

**II. Write notes on:** **(10 x 7 = 70)**

1. Inflow vascular occlusion for hepatic resection.
2. Treatment of giant hepatic haemangiomas.
3. Hepatic right trisectionectomy – definition, indications and technique.
4. Peliosis hepatis.
5. Complications and outcomes of surgical porto systemic shunts.
6. Changing indications for liver transplantation in recent times.
7. Hepatocellular carcinoma – resection versus transplantation.
8. Protocol for preoperative investigations and neo adjuvant treatment of Klatskin tumour prior to liver transplantation.
9. Ex-vivo normothermic machine perfusion of liver grafts.
10. Prevention of post reperfusion syndrome after liver transplantation.

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