

**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. Describe the non-surgical management of hepatocellular carcinoma.
2. Describe the donor workup in living related liver transplantation.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Transient elastography.
2. Laparoscopic liver resections.
3. Intraoperative ultrasound and its relevance in liver segmentectomy.
4. Maintenance of deceased organ donor.
5. Management of blunt liver trauma.
6. Pancreatic transplantation.
7. Strategies to reduce blood loss in liver resections.
8. Evaluation of a patient with hepatitis B surface antigen positivity.
9. Aberrant right hepatic artery from superior artery and its importance.
10. Grading of esophago-gastric varices in portal hypertension.

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(MCH 0821)

AUGUST 2021

Sub. Code: 1972

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**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Contemporary issues in liver transplantation.
2. Prevention and management of posthepatectomy liver failure.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Intrahepatic stones.
2. NASH.
3. TIPS procedure.
4. Portopulmonary hypertension.
5. Future Liver remnant.
6. Transplantation for cholangiocarcinoma.
7. Glissonian pedicle approach in liver resection.
8. Liver graft preservative solutions.
9. Hemangioma liver.
10. MELD scoring and its modifications.

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**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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