

[LF 473]

AUGUST 2014

Sub. Code: 1473

**D.M. – HEPATOLOGY**

**Paper III – PRACTICE OF HEPATOLOGY AND PANCREATIC DISEASES**

*Q. P. Code: 161473*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer ALL questions in the same order.**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Long term complications of Liver transplant recipients.
2. Describe in detail about complications of Acute pancreatitis.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Pancreatic divisum.
2. Familial pancreatitis.
3. Gall stone pancreatitis.
4. Prognostic scoring systems in acute pancreatitis.
5. Pancreatic fistula.
6. Sorafenib.
7. Endocrine dysfunction in chronic liver disease.
8. Refractory variceal bleeding.
9. Pathophysiology of hepatic encephalopathy.
10. Importance and possible clinical associations of HBV genotyping.

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[LH 473]

AUGUST 2015

Sub. Code: 1473

**D.M. – HEPATOLOGY**

**PAPER III – PRACTICE OF HEPATOLOGY AND PANCREATIC DISEASES**

*Q.P. Code : 161473*

**Time : Three Hours**

**Maximum : 100 marks**

**Answer ALL questions**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss in detail: classification, clinical features and Management of Vascular disorders of the liver.
2. Classify pancreatic tumours. Discuss the approach to diagnosis and management of cystic lesions of the pancreas.

**II. Write notes on :**

**(10 x 7 = 70)**

1. Management of Necrotizing Pancreatitis.
2. Role of Genetics in chronic pancreatitis.
3. Albumin – therapeutic role in liver disease.
4. Health care associated Bacterial infections in cirrhosis.
5. Chylous Ascites – approach.
6. Hyponatremia in cirrhosis.
7. Portal vein thrombosis –approach and management.
8. HbsAg Quantification.
9. Acute cellular rejection after liver transplant.
10. Chronic Hepatitis E.

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(LJ 473)

AUGUST 2016

Sub. Code:1473

**D.M. – HEPATOLOGY**

**Paper III – PRACTICE OF HEPATOLOGY AND PANCREATIC  
DISEASES**

*Q.P.Code: 161473*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Management of Hepatitis C infection in patient with chronic renal failure.
2. Primary sclerosing cholangitis : management.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Combined liver – kidney transplantation.
2. Predictors of survival in cirrhosis.
3. Chylous ascites.
4. Transjugular intrahepatic portosystemic shunt (TIPS) insertion: indications and contraindications.
5. Surveillance for Hepatoma in patient with cirrhosis.
6. Nutritional management of patients with cirrhosis.
7. Hepatic adenoma.
8. Probiotics in liver disease.
9. Need for Hepatitis A Vaccination in India.
10. Focal liver lesion in Budd Chiari syndrome.

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(LL 473)

AUGUST 2017

Sub. Code:1473

**D.M. – HEPATOLOGY**

**Paper III – PRACTICE OF HEPATOLOGY AND PANCREATIC  
DISEASES**

*Q.P.Code: 161473*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Classification, etiopathogenesis, investigations and management of Haemochromatosis.
2. Describe in detail about cystic lesions of pancreas.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Anomalous pancreatobiliary lesions.
2. Anti – tuberculosis therapy induced hepatitis.
3. Cadaveric liver transplantation in India.
4. Management of pancreatic pain.
5. Paracetamol poisoning.
6. Tumor markers in Hepatocellular carcinoma.
7. Alcohol dependence.
8. Tacrolimus.
9. Transjugular Intrahepatic Portosystemic Shunt (TIPS).
10. Management of pruritis in cholestasis.

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(LN 473)

AUGUST 2018

Sub. Code: 1473

**D.M. – HEPATOLOGY**

**Paper III – PRACTICE OF HEPATOLOGY AND PANCREATIC  
DISEASES**

*Q.P.Code: 161473*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the etiopathogenesis, pathophysiology, investigation and management of Auto immune pancreatitis.
2. Nutritional management of patients with End stage liver disease.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Annular pancreas.
2. Tropical pancreatitis.
3. Pseudocyst of pancreas.
4. Metabolic disorders and chronic pancreatitis.
5. Pancreatic duct leaks.
6. TACE.
7. Pancreatic enzyme supplements.
8. Pancreatic encephalopathy.
9. Severe alcoholic hepatitis.
10. Vasoconstrictors in hepatorenal syndrome.

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(LP 473)

AUGUST 2019

Sub. Code: 1473

**D.M. – HEPATOLOGY**

**Paper III – PRACTICE OF HEPATOLOGY AND PANCREATIC DISEASES**

*Q.P. Code: 161473*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss your approach to Liver disease in a pregnant lady in her second trimester.
2. Discuss the complications of chronic pancreatitis and management.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Nutrition in Acute Pancreatitis.
2. Hereditary Pancreatitis.
3. Pathophysiology of Acute on chronic liver failure.
4. Antiviral resistance in Hepatitis B.
5. Approach to Non cirrhotic ascites.
6. Drug induced cholestatic liver disease.
7. Management of Hepatitis C in renal failure patients.
8. Treatment options for GAVE (Gastric Antral Vascular Ectasia).
9. Hepatitis B reactivation.
10. Management of Refractory Ascites.

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(DM 0221)

FEBRUARY 2021

Sub. Code: 1473

**D.M. – HEPATOLOGY**

**Paper III – PRACTICE OF HEPATOLOGY AND PANCREATIC DISEASES**

*Q.P. Code: 161473*

**Time: Three Hours**

**Maximum: 100 Marks**

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

1. Vertical transmission of Hepatitis B: Magnitude of the problem, its implications and strategies to prevent this.
2. Intra Hepatic Cholangio carcinoma: clinical presentation and management.

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

1. Liver Abscess : types and management.
2. Ischemic Hepatitis.
3. Severe Alcoholic Hepatitis : management.
4. Gastric Variceal Bleed.
5. Cholestasis of Pregnancy.
6. Radiotherapy to treat Hepatocellular Carcinoma.
7. Benign Focal Liver lesions.
8. Transjugular Intrahepatic Portosystemic Shunt: Technique, indications, contra-indications.
9. Bleed from Endoscopic Variceal Band ligation induced Oesophageal Ulcer
10. Polycystic Liver Disease.

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(DM 0821)

AUGUST 2021

Sub. Code: 1473

**D.M. – HEPATOLOGY**

**Paper III – PRACTICE OF HEPATOLOGY AND PANCREATIC  
DISEASES**

*Q.P. Code: 161473*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Rodenticidal hepatotoxicity: mechanism, magnitude of problem, clinical features and management.
2. Rejection after liver transplantation : types, management.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Prophylactic anti-viral treatment to prevent mother to child transmission of hepatitis B.
2. Recidivism after liver transplantation.
3. Interferon to treat hepatitis C.
4. Hepatic sinusoidal obstruction syndrome.
5. Immunoallergic type of drug induced liver injury.
6. Hydatid disease of liver.
7. Refractory ascites: management.
8. Preventing viral hepatitis after needle stick injury.
9. Microwave ablation to treat hepatic malignancy.
10. Management of refractory oesophageal variceal bleed.

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

**[DM 0822]**

**AUGUST 2022**

**Sub. Code :1473**

**D.M. – HEPATOLOGY**

**Paper III – PRACTICE OF HEPATOLOGY AND PANCREATIC  
DISEASES**

*Q.P. Code: 161473*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss in detail the etiology, clinical features, diagnostic criteria and management of autoimmune pancreatitis.
2. Discusses the Etiopathogenesis, diagnostic approach and management of primary sclerosing cholangitis.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Vaccinations in Chronic liver disease.
2. Management Algorithm for pancreatic Neuro endocrine tumor.
3. Use of Rifaxmin in patients with cirrhosis.
4. Microbiome Modulation in liver disease.
5. Therapy for sphincter of oddi dysfunction.
6. Refractory variceal bleeding.
7. Endocrine dysfunction in chronic liver disease.
8. Chylous ascites.
9. Probiotics in liver disease.
10. ATT induced Hepatitis.

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

**[DM 0124]**

**JANUARY 2024**

**Sub. Code :1473**

**D.M. – HEPATOLOGY**

**PAPER III – PRACTICE OF HEPATOLOGY AND PANCREATIC DISEASES**

*Q.P. Code: 161473*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the epidemiology, natural history, pathogenesis, clinical features and management of Non-alcoholic Fatty Liver Disease.
2. Discuss the diagnostic criteria and management of Minimal Hepatic Encephalopathy.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Besifovir Dipivoxil Maleate.
2. Donor specific antibiotics in liver transplantation.
3. Use of statins in patients with and without liver diseases.
4. Association of sarcopenia and NAFLD.
5. Cholestatic disorders in children.
6. Arterio hepatic dysplasia (Alagille syndrome).
7. How do you diagnose and manage Fibrosing cholestatic hepatitis?
8. What is the effect of Hepato pulmonary syndrome with respect to liver transplantation?
9. Discuss the advances in the non-invasive assessment of Liver Fibrosis.
10. Nonsurgical management of pancreatic Pseudocyst.

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

**[DM 0225]**

**FEBRUARY 2025**

**Sub. Code :1473**

**D.M. – HEPATOLOGY**

**PAPER III – PRACTICE OF HEPATOLOGY AND PANCREATIC DISEASES**

***Q.P. Code: 161473***

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Acute allograft rejection after liver transplantation: clinical features, pathogenesis, diagnosis, treatment.
2. Gut microbiota in liver disease: importance and implications for treatment.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Marginal liver donor.
2. Combined liver – kidney transplantation.
3. Immunosuppressive regime after liver transplantation in patient with renal dysfunction.
4. Vascular complications after liver transplantation.
5. Liver transplantation for hepatocellular carcinoma.
6. Sarcopenic obesity.
7. Liver transplantation to treat severe alcoholic hepatitis.
8. Ethical concerns in liver transplantation.
9. Balloon occluded transvenous obliteration of gastric varices.
10. Management of hydatid cyst, liver.

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

**[DM 0126]**

**JANUARY 2026**

**Sub. Code :1473**

**D.M. – HEPATOLOGY**

**PAPER III – PRACTICE OF HEPATOLOGY AND PANCREATIC DISEASES**

***Q.P. Code: 161473***

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Liver involvement in IgG4 related disorders.
2. Budd Chiari syndrome – Clinical features and management approach.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Pancreatic Enzyme Replacement Therapy (PERT).
2. Expanding therapeutic role of EUS in pancreatobiliary disorders.
3. Pre-emptive v/s rescue TIPSS (Trans-jugular Intrahepatic Portosystemic Shunt) in variceal bleed.
4. Antibody mediated rejection.
5. M-TOR inhibitors in liver transplant.
6. Immuno-oncology.
7. Autoimmune Hepatitis related acute-on-chronic liver failure.
8. Pancreatic ascites.
9. Acute hepatitis C.
10. Sickle cell hepatopathy.

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