

[LF 472]

AUGUST 2014

Sub. Code: 1472

D.M. – HEPATOLOGY

Paper II – PAEDIATRIC HEPATOLOGY

Q. P. Code: 161472

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions in the same order.

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the etiology, diagnostic evaluation and management of auto immune hepatitis.
2. Discuss in detail about Glycogen storage disorders in children.

II. Write notes on:

(10 x 7 = 70)

1. Alagille syndrome.
2. Management of Hepatoblastoma in children.
3. Liver transplantation in neonates.
4. Congenital hepatic fibrosis.
5. Therapeutic approaches for paediatric NASH.
6. Post transplant lympho proliferative disorder in liver transplant recipients.
7. Portal biliopathy.
8. PELD score.
9. Sickle cell hepatopathy.
10. Liver in cystic fibrosis.

[LH 472]

AUGUST 2015

Sub. Code: 1472

D.M. – HEPATOLOGY

PAPER II – PAEDIATRIC HEPATOLOGY

Q.P. Code : 161472

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail about etiology, clinical features and Management of Paediatric Acute Liver Failure in India.
2. Discuss in detail about the genetics, clinical features, diagnosis and management of Wilsons Disease.

II. Write notes on :

(10 x 7 = 70)

1. Carolis Disease.
2. Tyrosinemia.
3. Overlap Syndromes in Autoimmune Hepatitis.
4. Pancreatic divisum.
5. Abernethy malformation.
6. PFIC (Progressive Familial Intrahepatic Cholestasis).
7. Gall Stone disease in children.
8. Kasai portoenterostomy.
9. Chronic Hepatitis B and C – treatment aspects in children.
10. Post liver transplant metabolic syndrome in paediatric population.

(LJ 472)

AUGUST 2016

Sub. Code:1472

D.M. – HEPATOLOGY

Paper II – PAEDIATRIC HEPATOLOGY

Q.P.Code: 161472

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Management of Hepatitis B in a child.
2. Copper overload syndromes affecting liver.

II. Write notes on:

(10 x 7 = 70)

1. Portal hypertensive biliopathy.
2. Extra hepatic biliary atresia.
3. Congenital disorders of pancreas.
4. Galactosemia.
5. Indications for pediatric liver transplantation.
6. Choledochal cyst.
7. TORCH infections causing neonatal hepatitis.
8. Nutritional management of child with chronic cholestasis.
9. Hepatoblastoma.
10. NAFLD in children.

(LL 472)

AUGUST 2017

Sub. Code:1472

D.M. – HEPATOLOGY

Paper II – PAEDIATRIC HEPATOLOGY

Q.P.Code: 161472

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail about the etiopathogenesis and management of paediatric NASH.
2. Discuss in detail the pathogenesis, clinical features and management of Wilson disease.

II. Write notes on:

(10 x 7 = 70)

1. Medical management of Neonatal cholestasis.
2. Indications for paediatric liver transplantation.
3. Progressive Familial Intrahepatic Cholestasis (PFIC).
4. Galactosemia.
5. Hydrops of Gall bladder.
6. Caroli disease.
7. Liver abscess in children.
8. Gall stones in children.
9. Crigler – Najjar syndrome.
10. Neonatal iron storage disorder.

(LN 472)

AUGUST 2018

Sub. Code: 1472

D.M. – HEPATOLOGY

Paper II – PAEDIATRIC HEPATOLOGY

Q.P.Code: 161472

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Indications, contraindications, preparation and other difficulties in paediatric liver transplantation.
2. Describe the metabolism of porphyrin and various inherited disorders of porphyrin metabolism.

II. Write notes on:

(10 x 7 = 70)

1. Hepatitis A vaccination.
2. Management of Hepatitis B in children.
3. Genetic polymorphisms in Wilson disease.
4. Choledochal cysts.
5. Biliary atresia.
6. Hepatorenal tyrosinemia.
7. Trientine.
8. Management of pruritis in cholestasis.
9. Veno occlusive disease of liver.
10. Dubin Johnson syndrome.

(LP 472)

AUGUST 2019

Sub. Code: 1472

D.M. – HEPATOLOGY

Paper II – PAEDIATRIC HEPATOLOGY

Q.P. Code: 161472

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail about Bile acid synthesis and transport and management of bile acid transport defects.
2. Classify Hepatic Tumors in children and discuss in detail on clinical features, diagnosis and management of Hepatocellular carcinoma in children.

II. Write notes on:

(10 x 7 = 70)

1. Fibrocystic disease of liver.
2. Macrophage activation syndrome.
3. Fulminant Wilson's disease.
4. Hepatic osteodystrophy in children.
5. Congenital hepatic fibrosis.
6. Acute Graft Versus Host disease of the Liver.
7. Primary immunodeficiency syndromes – relevance in hepatology.
8. Gestational Alloimmune Liver disease.
9. Galactosemia.
10. Treatment of CMV (Cytomegalovirus) in Post liver transplantation.

(DM 0221)

FEBRUARY 2021

Sub. Code: 1472

D.M. – HEPATOLOGY

Paper II – PAEDIATRIC HEPATOLOGY

Q.P. Code: 161472

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Portal hypertensive bleeds in children: causes and management.
2. Biliary atresia: pathogenesis, clinical features and management.

II. Write notes on:

(10 x 7 = 70)

1. Zinc Salts to Treat Wilson's Disease.
2. Indian Childhood Cirrhosis.
3. Acute liver failure in children : causes and management.
4. Choledochal cyst: types and management.
5. Progressive Familial Intrahepatic Cholestasis.
6. Non Cirrhotic Portal Fibrosis.
7. Hypersplenism: Management.
8. Approach to raise serum alkaline phosphatase in an adolescent.
9. Liver disorders associated with Celiac Disease.
10. Hepatopulmonary Syndrome in children : Causes, clinical presentation, and management.

(DM 0821)

AUGUST 2021

Sub. Code: 1472

D.M. – HEPATOLOGY

Paper II – PAEDIATRIC HEPATOLOGY

Q.P. Code: 161472

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Non alcoholic fatty liver disease in pediatric age group.
2. Neonatal hepatitis : causes, management.

II. Write notes on:

(10 x 7 = 70)

1. Trientine to treat Wilson's disease.
2. Hepatic ductal plate malformations.
3. Hepatoblastoma.
4. Recurrent acute pancreatitis.
5. Vascular liver diseases in children.
6. Gilbert's syndrome.
7. Galactosemia.
8. Indications for liver transplantation in children.
9. Sickle cell hepatopathy.
10. Tropical splenomegaly.

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

[DM 0822]

AUGUST 2022

Sub. Code :1472

D.M. – HEPATOLOGY

Paper II – PAEDIATRIC HEPATOLOGY

Q.P. Code: 161472

Time: Three Hours

Maximum: 100 Marks

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

1. Describe the Development of the biliary system. Classify choledochal cysts and give the current management protocol for choledochal cysts.
2. Discuss the causes of inherited hyperbilirubinemia and the diagnosis and management of the same.

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

1. Portal cavernoma cholangiopathy.
2. Overlap syndrome.
3. Glycogenic hepatopathy.
4. Therapeutic uses in Bile acids.
5. Prevention of Acute Viral Hepatitis.
6. Non Cirrhotic portal fibrosis in children.
7. Nutritional assessment of children with cirrhosis.
8. Abernethy malformations.
9. Auxiliary Liver transplantation.
10. Gamma Glutamyl Transpeptidase (GGT).

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

[DM 0124]

JANUARY 2024

Sub. Code :1472

D.M. – HEPATOLOGY

PAPER II – PAEDIATRIC HEPATOLOGY

Q.P. Code: 161472

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. A 32 wks antenatal mothers referred to you for indirect hyperbilirubinemia, How will you approach?
2. A 28wks gestation child, weighing 1.5kgs with jaundice at day 1 of life, what are the possible causes, enumerate and explain.

II. Write notes on:

(10 x 7 = 70)

1. Congenital hepatic fibrosis.
2. Epidermoid cysts of liver.
3. Caroli's syndrome.
4. Polyphasic course of hepatitis A.
5. Role of micro RNA in Nonalcoholic Steatohepatitis (NASH).
6. Non viral chronic hepatitis in children.
7. Vanishing bile duct syndrome.
8. Nonalcoholic Steatohepatitis (NASH) in children.
9. Reye's syndrome.
10. Neonatal sclerosing cholangitis.

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

[DM 0225]

FEBRUARY 2025

Sub. Code :1472

D.M. – HEPATOLOGY

PAPER II – PAEDIATRIC HEPATOLOGY

Q.P. Code: 161472

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Portal hypertension in children: causes, clinical features, pathogenesis, investigations, diagnosis, treatment.
2. Copper overload diseases affecting the liver in children: causes, clinical features, pathogenesis, investigations, diagnosis, treatment.

II. Write notes on:

(10 x 7 = 70)

1. Hepatic malignancies in paediatric age group.
2. Choledochal cyst: types, management.
3. Fatty liver disease in obese child.
4. Child with Thalassemia and raised liver enzymes – clinical approach.
5. Acute pancreatitis in child.
6. Liver abscess.
7. Viral hepatitis in children.
8. Dengue hepatitis in children.
9. Liver transplantation in children.
10. Hypersplenism.

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

[DM 0126]

JANUARY 2026

Sub. Code :1472

D.M. – HEPATOLOGY

PAPER II – PAEDIATRIC HEPATOLOGY

Q.P. Code: 161472

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Biliary Atresia – Clinical presentation, evaluation and management.
2. Wilson disease – Genetics and management.

II. Write notes on:

(10 x 7 = 70)

1. Tyrosinemia.
2. Intrahepatic Cholestatic disorders.
3. Domino and auxiliary liver transplantation.
4. Liver Tumors in paediatrics.
5. GI manifestations of cystic fibrosis.
6. Autoimmune liver disorders – How do children differ from adults?
7. Approach to ‘Fatty’ liver in children.
8. Rodenticidal hepatotoxicity in children.
9. Chronic pancreatitis in child.
10. Caroli’s disease.
