

POST-DOCTORAL DEGREE EXAMINATION – JANUARY 2024
D.M. MEDICAL GASTROENTEROLOGY

Time: 3 Hours

Max. Marks: 100

PAPER – I
Basic Gastroenterology Sciences

Q.P. Code: 1533

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

ESSAY QUESTIONS:

10 X 10 = 100

1. Immuno-pathogenesis of inflammatory bowel disease.
2. Mention various feeding disorders. Discuss Bulimia Nervosa & Anorexia Nervosa.
3. Discuss functional dyspepsia –approach and management.
4. Discuss fat digestion and absorption.
5. Define refractory esophageal stricture. Discuss management of a case with refractory esophageal stricture.
6. Dyssynergic defecation classification and it's management.
7. Describe functional anatomy of mucosal Immune system.
8. Advantages of enteral nutrition over parental nutrition. Discuss methods of enteral nutrition.
9. Discuss types of bile acids and bilirubin metabolism. Add a note on bile acid diarrhea.
10. Discuss about methods of nutritional assessment under history and clinical examination, anthropometry, biochemical and radiological assessment

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PAPER – II

Q.P. Code: 1534

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

ESSAY QUESTIONS:

10 X 10 = 100

1. Alcoholis hepatitis :clinical assessment and management.
2. Budd chairi syndrome – Pathogenesis and management.
3. Hepatocellular Carcinoma – Diagnosis and Staging.
4. Ig G4 disease : approach and management.
5. CHRONIC HEPATITIS B : current management.
6. Recurrent acute pancreatitis.
7. Management of acute hepatic failure.
8. Discuss hepatic disorders unique to pregnancy.
9. Diarrhoea in immunocompromised patients.
10. Functional dyspepsia: approach and management.

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PAPER – III

Q.P. Code: 1535

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Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

ESSAY QUESTIONS:

10 X 10 = 100

1. Management of patients with bleeding **peptic ulcer.**
2. **Achalasia Cardia** – Discuss pathogenesis, **manometry**, findings and management.
3. Discuss different types of bezoars and management.
4. Discuss management of Crohn's Disease.
5. Enumerate various biochemical and radiological tests for Neuroendocrine tumors (NET) Management of patient with carcinoid syndrome
6. Classification of GI polyposis syndrome. Discuss about intestinal and extra intestinal features and management of Familial adenomatous polyposis (FAP).
7. Discuss various mutations in GIST(Gastrointestinal stromal tumors)Risk stratification of GIST. Treatment options of GIST.
8. Mechanism of action of PPI (Proton pump inhibitors) Adverse effects of long-term usage of PPI.
Add a note on potassium competitive acid blockers (P-CAB)
9. Aetiology of Gastric cancer. Discuss diagnosis of early Gastric Cancer and its management.
10. **Discuss Barrett's OR Pharynx. Enumerate risk factors, surveillance strategy for oropharyngeal Adeno carcinoma and treatment for Barrett's oropharynx.**

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PAPER – IV

Q.P. Code: 1536

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

ESSAY QUESTIONS:

10 X 10 = 100

1. Discuss about new nomenclature and classification of NAFLD.

A note on available treatment options of NAFLD.

2. Cholangioscopy - Types .

Utility in gastroenterology.

3. Newer targets and drugs in management of HBV infection.

4. Fecal microbiota transplantation(FMT).- Indications and preparation .

Different routes of administration with advantages and disadvantages.

A Note on FMT utility in IBD.

5. Digital Chromoendoscopy.

Principles of digital chromoendoscopy.

Kudo's pit pattern in colonic polyps .

6. Discuss about Obeticholic acid and Saroglitazar.

7. MR defecography in management of constipation.

8. Discuss about early gastric cancer.Add A note on EMR and ESD

9. TIPSS - Indications and types, Complications.

10. Discuss about various breath tests available in gastroenterology.
