

MANIPAL UNIVERSITY

DM (GASTROENTEROLOGY) DEGREE EXAMINATION – JULY 2014

SUBJECT: PAPER I: BASIC SCIENCES AS APPLICABLE TO GASTROENTEROLOGY

Saturday, July 05, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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- ✍ **Answer ALL questions.**
✍ **All questions carry TEN marks each.**

1. Gut permeability in health and disease
2. Micro RNA's in Gastrointestinal cancer
3. Fecal leukocytes and their proteins in clinical practice
4. Sinusoidal obstruction syndrome
5. Epidemiological studies on IBS in India
6. Rings, webs and diverticulae of Esophagus
7. Oropharyngeal dysphagia
8. High definition video endoscopy
9. Genome wide association studies in Gastroenterology
10. Blood supply and development of Pancreas



MANIPAL UNIVERSITY**DM (GASTROENTEROLOGY) DEGREE EXAMINATION – JULY 2014****SUBJECT: PAPER II: GASTROENTEROLOGY & HEPATOLOGY**

Monday, July 07, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **All questions carry TEN marks each.**

1. Management of upper GI bleeding in acute coronary syndrome
2. Approach to chronic diarrhea in immunocompromised patient
3. Management of tuberculosis in cirrhosis of liver
4. Surveillance for colorectal cancer in chronic ulcerative colitis
5. Approach to pancreatic Neuroendocrine tumors
6. Fecal transplantation
7. Linaclotide
8. Discuss Non celiac gluten hypersensitivity
9. Approach to liver mass in post liver transplantation
10. Discuss refractory vomit in children



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DM (GASTROENTEROLOGY) DEGREE EXAMINATION – JULY 2014

SUBJECT: PAPER III: GASTROENTEROLOGY & HEPATOLOGY

Wednesday, July 09, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ Answer ALL questions.
✍ All questions carry TEN marks each.

1. Diagnosis and management of congenital hyperbilirubinemias
2. Approach to protracted vomiting in pregnancy
3. Role of HBsAg quantification in management of chronic Hepatitis B
4. Management of Hepatic Hydatidosis
5. Measurement of splenic stiffness
6. Current status of stem cell transfusion in acute liver failure
7. Current status of chronic H Pylori infection
8. Sedation practices in the endoscopy of high risk individuals
9. Diagnosis and management of obscure GI bleed
10. Autoimmune pancreatitis



MANIPAL UNIVERSITY**DM (GASTROENTEROLOGY) DEGREE EXAMINATION – JULY 2014****SUBJECT: PAPER IV: RECENT ADVANCES IN GASTROENTEROLOGY**

Friday, July 11, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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- ✍ **Answer ALL questions.**
✍ **All questions carry TEN marks each.**

1. Dendritic cell
2. Nf-Kb signalling in liver fibrosis
3. Per oral endoscopic myotomy
4. Fatty liver disease in children
5. Recent advances in cholangioscopy
6. Dysplasia in Barrett's esophagus
7. Genetics and Microbiome in the pathogenesis of IBD
8. Fecal Granins in IBS
9. Endoscopic management of bowel perforations
10. Newer therapies in HCC

