

FINAL EXAM
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

GASTROENTEROLOGY

PAPER – III

GASTRO/D/16/10/III

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Surveillance of patients with inflammatory bowel disease: 2+5+3
 - a) High risk groups – screening and surveillance timing.
 - b) SCENIC consensus guidelines.
 - c) Methods of surveillance.
2. a) Changing epidemiology of Asian digestive cancers. 3+3+4
 - b) Screening of gastric cancer in Asia.
 - c) Targeted screening for colorectal cancer in high risk individuals.
3. a) Image enhanced endoscopy: Technique 5+5
 - b) Advanced endoscopic imaging for early gastric cancer.
4. a) Non-celiac wheat sensitivity: differential diagnosis, triggers and implications. 4+3+3
 - b) Complications of celiac disease.
 - c) Therapeutic approaches for celiac disease.
5. a) Risk assessment tools in prognostication of patients with non variceal upper GI bleed. 5+5
 - b) Management of steroid dependent ulcerative colitis.
6. Epidemiology, risk factors, patterns of presentation, diagnosis and management of colon ischaemia. 2+2+2+2+2
7. Enumerate newer therapeutic strategies for the following diseases: 2+2+2+2+2
 - a) Primary sclerosing cholangitis.
 - b) Primary biliary cirrhosis beyond ursodeoxycholic acid.
 - c) Targeting dysbiosis for liver diseases.
 - d) Alcoholic hepatitis.
 - e) Nuclear receptor modulation for non-alcoholic fatty liver disease.

P.T.O.

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8. In relation to functional gastrointestinal disorders (FGIDs): 4+3+3
a) Changes in Rome IV document compared to Rome III.
b) Multicultural aspects in FGIDs.
c) Centrally mediated disorders of gastrointestinal pain.
9. a) Endoscopic management approach to a patient with Type II 5+5
Forrest classification of bleeding peptic ulcer.
b) Management of a patient with diverticular bleed.
10. a) Principle and indications of magnetic resonance spectroscopy 4+3+3
in GI Practice.
b) Indications of Diffusion-weighted magnetic resonance imaging
in GI Practice.
c) Indications of SX-ELLA Stent Danis.

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