

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Medical Gastroenterology Paper1
<b>Subject Name :</b>	DrNB Medical Gastroenterology Paper1
<b>Creation Date :</b>	2023-10-15 14:12:10
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## DrNB Medical Gastroenterology Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872518
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DrNB Medical Gastroenterology Paper1

<b>Section Id :</b>	3271872521
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872525
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718725413 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

**Please write your answers in the answer booklet within the allotted pages as follows:-**

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Centrally mediated abdominal pain syndrome:

- Define diagnostic criteria. [3]
- Describe pathophysiology. [4]
- Discuss pharmacotherapy. [3]

**Question Number : 2 Question Id : 32718725414 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- Briefly discuss the techniques to assess microbiota composition. [3]

b) Mention the factors affecting intestinal microbiota. [4]

c) Role of probiotics in H. pylori infection. [3]

**Question Number : 3 Question Id : 32718725415 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Describe the metrics involved in esophageal manometry. [4]

b) Chicago classification 4-Algorithmic approach in the evaluation of esophageal motility disorder. [6]

**Question Number : 4 Question Id : 32718725416 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Endoscopic risk stratification of peptic ulcer bleed. [4]

b) Management of peptic ulcer bleed among each group based on endoscopic risk stratification. [6]

**Question Number : 5 Question Id : 32718725417 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Eosinophilic esophagitis:

a) Pathophysiology – Immune mechanism. [3]

b) Therapeutic targets – Current and Novel. [3]

c) Discuss dietary management in eosinophilic esophagitis. [4]

**Question Number : 6 Question Id : 32718725418 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

A 75-year-old female, hypertensive, thin built patient presented with history of malena of 1 week duration. Her hemoglobin was 8g/dl. UGIE was normal. Colonoscopy revealed 3-4 colonic angioectasia in cecum and ascending colon:

- a) Differential diagnosis of colonic angioectasia. [3]
- b) Endoscopic management of this vascular lesion. [3]
- c) Pharmacological management of this vascular lesion. [4]

**Question Number : 7 Question Id : 32718725419 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Interpretation of Forest Plot. [3]
- b) Interpretation of Funnel plot. [3]
- c) Box-whisker Plot. [2]
- d) What is I2 in Forest Plot? [2]

**Question Number : 8 Question Id : 32718725420 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

A 50-year-old male patient, chronic smoker with history of stroke presented to emergency room with acute pain abdomen. Evaluation revealed acute mesenteric ischemia with peritonism. He underwent emergent surgery - resection of entire jejunum and 60 cms of ileum:

- a) What are the intestinal adaptations to intestinal resection in this patient? [4]
- b) Prescribe dietary management for this patient. [6]

**Question Number : 9 Question Id : 32718725421 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) How do you assess the following gastric neuromuscular function:

- i) Gastric emptying rate. [3]
  - ii) Gastric myoelectrical activity. [2]
  - iii) Gastric relaxation and accommodation. [3]
- b) Causes of gastroparesis. [2]

**Question Number : 10 Question Id : 32718725422 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Briefly describe the association of the following gastrointestinal involvement in systemic disorder:

- a) Esophageal involvement in systemic sclerosis. [3]
- b) Small bowel involvement in diabetes. [4]
- c) Biliary tract involvement in HIV-AIDS. [3]