

National Board of Examinations

Question Paper Name :	DrNB Medical Gastroenterology Paper1
Subject Name :	DrNB Medical Gastroenterology Paper1
Creation Date :	2022-12-22 22:33:57
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Medical Gastroenterology Paper1

Group Number :	1
Group Id :	3271871319
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Medical Gastroenterology Paper1

Section Id :	3271871322
Section Number :	1
Section type :	Offline

Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271871326
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718712242 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. a) Adipokines. [3]
- b) Microbe microbe signaling. [4]
- c) JAK STAT pathway. [3]

Question Number : 2 Question Id : 32718712243 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Nutritional assessment and management in critically ill patient with decompensated liver disease.
[5+5]

Question Number : 3 Question Id : 32718712244 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Explain the following in context of research study:

- a) Nested cohort study. [5]
- b) Methods to counteract the multiple comparisons problem. [5]

Question Number : 4 Question Id : 32718712245 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Refractory celiac disease: Pathogenesis and management. [5+5]

Question Number : 5 Question Id : 32718712246 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Endoscopic management of:

- a) Colorectal Polyps. [5]
- b) Iatrogenic type I duodenal perforation. [5]

Question Number : 6 Question Id : 32718712247 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Achalasia Cardia:

- a) Classification and diagnosis. [5]
- b) Management strategies. [5]

Question Number : 7 Question Id : 32718712248 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Gastric adenocarcinoma:

- a) Early diagnosis methods. [4]
- b) Screening strategies. [3]
- c) Management of early cancer. [3]

Question Number : 8 Question Id : 32718712249 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss genes altered in sporadic colorectal cancer and its implication in pathophysiology. [5+5]

Question Number : 9 Question Id : 32718712250 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

With respect to tight junctions, discuss:

- a) Protein structure. [3]
- b) Physiology. [4]
- c) Role in celiac disease. [3]

Question Number : 10 Question Id : 32718712251 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) Interstitial cells of Cajal. [5]
- b) Hepatocyte Growth Factors. [5]