

National Board of Examinations

Question Paper Name :	DrNB Surgical Gastroenterology Paper3
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Actual Answer Key :	No

DrNB Surgical Gastroenterology Paper3

Group Number :	1
Group Id :	327187722
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Surgical Gastroenterology Paper3

Section Id :	327187725
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 : 327187729
Question Shuffling Allowed : No

Question Number : 1 Question Id : 3271876302 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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) HER receptors in gastrointestinal tract cancers. [3]
b) Microsatellite instability. [3]
c) Transarterial chemo-embolization (TACE) and transarterial radio-embolization (TARE). [4]

Question Number : 2 Question Id : 3271876303 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Endoscopic ultrasound. [4]
b) Double balloon enteroscopy. [3]
c) Faecal calprotectin. [3]

Question Number : 3 Question Id : 3271876304 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Define massive small bowel resection. [2]
- b) Pathophysiology of adaptability following massive small bowel resection. [4]
- c) Treatment options for a patient who has undergone massive small bowel resection. [4]

Question Number : 4 Question Id : 3271876305 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Evaluation and management of a patient with pseudomyxoma peritonei. [5+5]

Question Number : 5 Question Id : 3271876306 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Use of inotropes in gastrointestinal surgical critical care. [3]
- b) Role of pulmonary artery catheter in the gastrointestinal surgical intensive care unit. [3]
- c) Enteral nutrition, low flow state and reperfusion injury. [4]

Question Number : 6 Question Id : 3271876307 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Transfusion-related acute lung injury (TRALI). [3]
- b) Extended spectrum beta-lactamase (ESBL) infections in the gastrointestinal surgical intensive care unit. [3]
- c) Faecal microbiota transplantation. [4]

Question Number : 7 Question Id : 3271876308 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Evaluation and management of a 24-year-old man with cancer of the anal canal. [5+5]

Question Number : 8 Question Id : 3271876309 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Neoadjuvant therapy for rectal cancer. [5]
- b) Surgical treatment for adenocarcinoma at different levels in the rectum. [5]

Question Number : 9 Question Id : 3271876310 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Bias and confounding. [4]
- b) Types of cohort studies. [6]

Question Number : 10 Question Id : 3271876311 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Internal and external validity. [4]
- b) In the context of a randomized controlled trial explain allocation, blinding, concealment and randomization. [6]