

**STATE UNIVERSITY OF MEDICINE AND FARMACEUTICS
„NICOLAE TESTEMIȚANU”**

«APPROVED»

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_____ **OLGA CERNEȚCHI**

_____ ” _____ ” **2018**

THE SIMPLE AND MULTIPLE CHOICE TESTS

for the EXAM "SURGICAL DISEASES"

MEDICINE 2 FACULTY, 6TH YEAR of study, 2018-2019 ACADEMIC YEAR

(English version)

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1.CM Which of the following statements about surgical anatomy of the colon and rectum are correct?

- A.The cecum has the largest inner diameter of all segments of the colon (13 to 15 cm.).
- B.The rectosigmoid junction is situated at approximately 15 to 18 cm. from the anus.
- C.The rectum is entirely an intraperitoneal organ.
- D.The ileocolic, right colic, and middle colic arteries are branches from the inferior mesenteric artery.
- E.The arterial arcade created by communicating vessels at 1 to 2 cm. from the mesenteric is called the artery of Drummond.

2.CM Which of the following statements about surgical procedures on the colon and rectum are correct?

- A.Successful healing of colonic anastomoses depends on the adequacy of the blood supply.
- B.In excising part of the colon containing cancer, the lymphatics should be avoided by dividing the mesentery close to the wall of the colon.
- C.Despite complete removal of the colon and rectum, transanal fecal flow can be preserved by means of an ileal pouch–anal anastomosis.
- D.When a colostomy is created it cannot be reversed.
- E.Colostomy can be life saving in patients with colonic perforation or obstruction.

3.CM Which of the following statements about colon physiology are correct?

- A.Colonic recycling of urea is accomplished by the splitting of urea by bacterial ureases.
- B.Fermentation by colonic bacteria may rescue malabsorbed carbohydrates.
- C.The preferred fuel of the colonic epithelium is glucose.
- D.Absorption by the colonic mucosa is a passive process.
- E.Insoluble fibers create bulk in the stool.

4.CM Which of the following statements about diagnostic studies for the colon and rectum are true?

- A.Acetylcholinesterase staining of rectal biopsies is unreliable for the diagnosis of Hirschsprung's disease.
- B.Cinedefecography is useful for detecting “hidden” prolapse or rectal intussusception.
- C.A negative osmotic gap in stool is indicative of secretory diarrhea.
- D.A colonic transit time study involves serial abdominal x-rays after ingestion of radiopaque markers.
- E.Carcinoembryonic antigen (CEA) is useful for monitoring patients after resection for colon cancer.

5.CM Which of the following statements about the microbiology of the colon are true?

- A.The colon contains no more bacteria than the stomach.
- B.The predominant bacteria in the colon are aerobic.
- C.Nearly one third of the dry weight of feces is bacteria.
- D.Common bacteria in the colon are Bacteroides, Bifidobacterium, and Enterobacterium species.
- E.The colonic microflora is relatively stable.

KEY 1-BE,2-ACE,3-ABE,4-BCDE,5-CDE