



الطب والجراحة لجنة

GIT Final Exam

دفعة نبض 2019

1) Lymphatic spread of carcinoma of the fundus of the stomach is likely to metastasize to the?

Select one:

- A) Right gastroepiploic nodes
- B) Celiac nodes**
- C) Superior mesenteric nodes
- D) Inferior mesenteric nodes
- E) Internal iliac nodes

2) Where is the liver located in the human body?

Select one:

- A) Above the abdominal cavity
- B) Beside pancreas
- C) In the right hypochondriac**
- D) Beside heart
- E) Beside kidney

3) Which of the followings is CORRECT regarding schistosomiasis?

Select one:

- A) S. mansoni Inhabits inferior mesenteric vein of small intestine.
- B) S. mansoni Inhabits superior mesenteric vein of large intestine.
- C) S. Japonicum Inhabits only inferior mesenteric veins of large intestine.
- D) S. mansoni Inhabits inferior mesenteric vein of large intestine.**
- E) S. Japonicum Inhabits only superior mesenteric veins of small intestine.

4) All of the following are common histopathologic findings in a liver biopsy from a patient with chronic viral hepatitis, except?

Select one:

- A) Dense portal Mononuclear infiltrate

- B) Scarring and nodule formation
- C) Interface hepatitis and lobular hepatitis
- D) Mallory-Denk bodies
- E) Portal tracts fibrosis

5) Choose the wrong statement?

Select one:

- A) Esterases produced by pancreas function to remove fatty acids from compounds such as cholesterol esters
- B) Bile salts are more effective detergents than bile acids because of their enhanced amphipathic nature
- C) Fats digestion enzymes are produced in mouth, stomach and pancreas
- D) Bicarbonate secretion is stimulated by the hormone secretin
- E) Deoxycholic acid has a hydroxyl group at position 7 and 12

6) A 45-year-old woman has noticed that her skin has become progressively more yellow. On physical examination, she is generalized jaundice. Laboratory studies show elevated liver enzymes. A liver biopsy specimen shows histologic features of sclerosing cholangitis. Which of the following diseases of the gastrointestinal tract is most likely to coexist with the liver disease?

Select one:

- A) Celiac sprue
- B) Ulcerative colitis
- C) Chronic pancreatitis
- D) Diverticulosis
- E) Chron's disease

7) Gastrin hormone causes?

Select one:

- A) Increase in gastric Motility
- B) Decrease Gastric secretion
- C) Contraction ileocecal sphincter
- D) Relaxation of lower esophagus
- E) Decrease endocrinal secretion of pancreas

8) The lesser sac have the following boundaries, except?

Select one:

- A) Splenicorenal ligament on the left margin
- B) The stomach anteriorly
- C) The greater sac on the left margin
- D) The spleen on the left margin
- E) The pancreas posteriorly

9) All are Correct regarding the schistosomiasis, EXCEPT?

Select one:

- A) The acute stage schistosomiasis is due to egg deposition.
- B) The eggs in the intestinal wall initiates intense immune response.
- C) The consequences of granuloma formation is the main cause of pathology and lethality in schistosomiasis.
- D) Eggs can reach the intestinal lumen by the help of the venous pressure.
- E) Sinuses or fistula can occur

10) The arterial supply to the appendix is via the appendicular artery. Which vessel does it directly arise from?

Select one:

- A) Ileocolic artery

- B) Superior mesenteric artery
- C) Inferior mesenteric artery
- D) Middle colic artery
- E) Aorta

11) Regarding Pepsinogen?

Select one:

- A) Still active in duodenum.
- B) Concerned with fat digestion
- C) Secreted from parietal cell.
- D) Activated by Hcl to form active pepsin.**
- E) Pepsinogen is not linked with Hcl secretion.

12) Anti-pepsin is produced by?

Select one:

- A) Strongyloides stercoralis
- B) Enterobius vermicularis
- C) Ancylostoma duodenale
- D) Trichuris trichiura.
- E) Ascaris lumbricoides**

13) Which of the followings is mismatched?

Select one:

- A) Balantidiasis : Most infections are chronic.**
- B) Achlorhydria : G. lamblia infection.
- C) Atrophy of duodenal microvilli : G. lamblia infection
- D) Flask shaped ulcers : B. coli.
- E) Boring action of the cilia : S. coli.

14) All the followings are correct regarding Clostridium botulinum foodborne intoxication EXCEPT?

Select one:

- A) Spores of C. botulinum type A can survive temperatures of 120 C
- B) Homemade fermented foods with smoked and canned foods are safe to be eaten
- C) C. botulinum is an obligate, spore-forming anaerobe, and Gram-positive bacilli
- D) The calculated lethal dose for an adult person is 10 microgram
- E) Foods like spoiled canned meat, or hams and bacon stacked are particularly liable to be infective

15) All following are true about histamine-2 antagonist EXCEPT?

Select one:

- A) Are used in prevention and treatment of GERD
- B) Uses of these agents has decreased with use of PPIs
- C) Ranitidine has long half-life
- D) Ranitidine has antiandrogen effects
- E) Side effects: muscular pain

16) Which of the following cell types is present in the gastric glands of the pyloric stomach?

Select one:

- A) Chief cells
- B) Goblet cells
- C) Parietal cells
- D) Mucous neck cells
- E) Paneth cells

17) A woman who is hepatitis B surface antigen (HBsAg) positive and HBs antibody (HBsAb) negative has just given birth. Which one of the following is the most appropriate thing to do for the newborn?

Select one:

- A) Nothing. The child is protected against hepatitis B.
- B) Immunize with the vaccine containing HBsAg (HBV vaccine).
- C) Give hepatitis B hyperimmune globulins (HBIG).
- D) Give both the HBV vaccine and HBIG.**
- E) Test for hepatitis D virus infection.

18) Tone of lower esophageal sphincter is increased by ?

Select one:

- A) Myenteric plexus
- B) Secretin hormone
- C) Vagal N.**
- D) Fats and coffee
- E) CCK.

19) Sigmoid Colon have the followings, except?

Select one:

- A) The superior mesenteric artery its main blood supply**
- B) Extends from the iliac fossa to the third sacral (S3) vertebra
- C) Links the descending colon and the rectum
- D) Is 25 to 38 cm
- E) 15 cm from the anus, indicates the recto-sigmoid junction

20) Which of the followings are incorrect about the internal appearance of the anal canal?

Select one:

- A) Valves of Ball at the lower end of the anal columns
- B) The upper part is endodermal in origin
- C) The pectinate line is the lower end of the anal valves
- D) The anal sinus presents in the middle part**
- E) The columns of Morgagni are connected together by crescentic folds

21) What is/are not the growth characteristics of H pylori? Select from all the options given below?

Select one:

- A) Oxidase and catalase positive
- B) Ureas negative**
- C) Produce H₂S
- D) Ferment carbohydrates
- E) Have darting motility

22) In cytochrome P450 reactions for drugs detoxification, choose the incorrect statements?

Select one:

- A) CYP450 reaction converts hydrophobic substrate to hydrophilic substrate
- B) When O₂ accepts one electron it become superoxide a reactive oxygen species
- C) O₂ splits so one oxygen atom binds with 2H to form water and the other oxygen binds to the hydrophobic substrate
- D) NADPH donate one electron to ferric thus is converted to ferrous
- E) Fe (III) can't bind O₂**

23) Which of the followings is incorrect about the floor of the mouth?

Select one:

- A) The sublingual papilla carries the opening of the submandibular gland

B) It is formed by the posterior two-thirds of the tongue

C) It is connected to under surface of the tongue by frenulum lingulae

D) It presents below the genioglossus muscle

E) The sublingual fold carries the opening of the sublingual gland

- 24) A 42 year-old woman has become increasingly lethargic in the last week. On examination, she has jaundice, rigidity, confusion and asterixis. She has no fever and normal blood pressure. Laboratory revealed prolonged PT and PTT and elevated serum levels of transaminases and bilirubin. Which of the following is mostly responsible for her neurological symptoms?

Select one:

A) Alkaline phosphatase

B) Amylase

C) Antimitochondrial antibodies

D) Anti-HCV

E) Ammonia

- 25) Each of the following statements concerning HCV and HDV is correct, EXCEPT?

Select one:

A) HDV genome is single stranded circular RNA.

B) Blood products are tested for antibody to HCV,

C) HDV is a defective virus that can replicate only in a cell that is also infected with H3V.

D) HDV is transmitted primarily by the fecal—oral route.

E) HCV is an RNA virus.

- 26) Prescription in severe liver diseases should be very careful in presence of all the following, EXCEPT?

Select one:

- A) Fluid retention
- B) Hepatic encephalopathy
- C) Hyperalbuminemia
- D) Renal impairment
- E) Reduced clotting factor

27) Gall bladder contraction is induced by?

Select one:

- A) By vagal activity.
- B) Sympathetic stimulation.
- C) By both CCK and Vagal stimulation.
- D) By CCK.
- E) By certain sympathetic nerves.

28) A 43-year-old man who presented with epigastric pain. On physical examination he has no abnormal findings. On upper GI endoscopy a loss of rugal fold in the body and the microscopic examination revealed deep chronic gastritis. Which of the following laboratory test findings is not most likely to be present in this man?

Select one:

- A) Mild Gastric hypochlorhydria.
- B) Negative stool antigen for H.Pylori microorganisms.
- C) Elevated serum gastrin,
- D) Antibodies against intrinsic factor.
- E) Negative urea breathe test.

29) A 24-year-old woman complained of abdominal pain presented to the ER. An abdominal ultrasound scan shows marked colonic dilation above a narrow segment in the sigmoid region. A biopsy specimen from the

narrowed region shows an absence of ganglion cells in the muscle wall and submucosa. Which of the following is most likely to produce these findings?

Select one:

- A) Adhesions
- B) Volvulus
- C) Intussusception
- D) d. Hirschsprung disease**
- E) Chagas disease

30) Gastrin hormone secretion is inhibited by?

Select one:

- A) Ach.
- B) Caffeine.
- C) Somatostatin.**
- D) Antral distension.
- E) Protein digestive products.

31) Glucoamylase, choose the incorrect statement?

Select one:

- A) Is an exoglucosidase
- B) Cleaves all alpha—1,4 bonds in disaccharides**
- C) Its two catalytic sites have similar activities
- D) Is heavily glycosylated with oligosaccharides to protect it from digestive proteases
- E) Has two catalytic sites

32) Choose the incorrect statement?

Select one:

- A) Tyrosine becomes essential amino acid if phenylalanine intake is inadequate
- B) The trypsinogen is activated by enteropeptidase to trypsin
- C) Secretin stimulates the secretion of bicarbonate which raises the PH.
- D) Chymotrypsinogen is converted to active form chymotrypsin when trypsin cleaves the peptide bond joining serine 14- arginine 5
- E) The proteins in plants foods are generally of lower quality

33) 58-year-old woman was admitted for jaundice, fatigue and pruritus. Previous medical history was unremarkable. There was no history of alcohol, drug abuse. On examination, her skin and sclerae were icteric. Laboratory investigations revealed high levels of alkaline phosphatase, gamma- glutamyl transpeptidase and direct bilirubin level. Antinuclear antibody was negative and anti mitochondrial antibody was positive. Which of the following morphologic features is most likely to be present in his liver?

Select one:

- A) Deposition of hemosiderin
- B) Portal bridging fibrosis
- C) Ducts granulomatous lymphoplasmacytic infiltration (florid duct lesion)
- D) Interface hepatitis
- E) Concentric onion-skin ductular fibrosis

34) Entero-invasive E. coli (EIEC) are nonmotile, non-lactose, or late lactose fermenters which are predominantly found in developing countries infecting children and travelers. Which of the following infection is similar to EIEC infection?

Select one:

- A) Salmonellosis
- B) Bacillary dysentery

- C) Enteric fever
- D) V. Cholera
- E) Shigellosis

35) All of the followings are features of the nasopharynx, except?

Select one:

- A) Opening of the auditory tube
- B) Pharyngeal tonsil
- C) Pharyngeal recess
- D) Palato-pharyngeal fold
- E) Tubal elevation

36) According the parotid gland, which is incorrect?

Select one:

- A) The inner capsule is condensed investing deep fibrous fascia
- B) The inner surface of the gland is covered by double layers of capsule
- C) The superficial layer of capsule is related to the great auricular nerve
- D) The capsule splits at the lower end of the gland into 2 layers
- E) The stylo-mandibular ligament is part of its capsule

37) The following effects usually do not occur with domperidone, except?

Select one:

- A) Postural hypotension
- B) Acute Dystonia
- C) Relaxation of esophageal sphincter
- D) Enhanced contractility of small intestine and colon
- E) CNS side effects like irritability, insomnia, restlessness.

38) HCL increases absorption of ?

Select one:

- A) Sodium
- B) Cobalt
- C) Copper
- D) Iron**
- E) Milk

39) A 39-year-old female visited the internal medicine outpatient clinic complaining of painful defecation and bloody stools. She diagnosed with dilated and congested hemorrhoids. This term refers to _____?

Select one:

- A) Arterial plexus of anal canal
- B) Venous plexus in mucosa of rectum
- C) Nervous plexus of rectum
- D) Venous plexus in submucosa of anal canal**
- E) Venous plexus in submucosa of rectum

40) One of following is part of ALVARADO score?

Select one:

- A) Anorexia**
- B) Rovsing sign.
- C) Pointing sign.
- D) Obturator sign.
- E) Psoas sign

41) Second part of the duodenum have the following relations, except?

Select one:

- A) The right colic flexure laterally

- B) The hilum of the right kidney posteriorly
- C) The bile duct and the main pancreatic duct medially
- D) The superior mesenteric vessels anteriorly
- E) The fundus of the gallbladder anteriorly

42) Incidental finding of single 1 cm gallbladder stone in otherwise healthy medically free asymptomatic 25-year-old female should require one of the following?

Select one:

- A) laparoscopic cholecystectomy
- B) Open cholecystectomy
- C) Magnetic Resonance Imaging (MRD).
- D) Computed Tomography (CT).
- E) Observation until she develops symptoms.

43) Which of the following vessels arises from the abdominal aorta proximal to the coeliac trunk?

Select one:

- A) Inferior phrenic artery
- B) Intercostal artery
- C) Renal artery
- D) Superior mesenteric artery
- E) Descending thoracic aorta

44) CCK causes ?

Select one:

- A) Decrease in evacuation of bile
- B) Increase Gastric functions
- C) Decrease Insulin hormone
- D) Decrease Intestinal motility

E) Increase Intestinal enzymatic secretion

45) The rotation of the stomach is around?

Select one:

- A) Oblique axis
- B) Coronal axis
- C) Vertical axis
- D) Longitudinal axis
- E) Antero-posterior axis

46) What are the mean of microglossa?

Select one:

- A) Large sized tongue
- B) Small sized tongue
- C) Failure of development of the tongue
- D) The tongue is adherent to the floor of the mouth
- E) Failure of fusion of the 2 lingual swellings

47) The mucus membrane of the anterior two third of the tongue derived from?

Select one:

- A) The anterior part of copula of His
- B) Tuberculum impare
- C) The posterior part of copula of His
- D) The middle part of copula of His
- E) Two lateral lingual swellings

48) Which of the following statements is INCORRECT?

Select one:

- A) The enterocytes form the intestinal mucosal barrier
- B) The brush border increases the intestinal mucosal surface area tenfold
- C) Intestinal entero-endocrine cells secrete various enzymes to assist in the absorption of nutrients
- D) Microfold cells sample antigens from the intestinal lumen and deliver them to MALT
- E) Renewal of the intestinal mucosal cells relies on stem cells reside at the base of the crypts of Lieberkühn

49) A 25-year-old woman has noted abdominal pain for the past two months associated with diarrhea. On physical examination, there is unremarkable abdomen with preserved bowel sounds. A colonoscopy reveals mucosal edema and ulceration in the ascending colon, but the transverse and descending portions of the colon are not affected. Which of the following macroscopic findings is most likely to be present in this colonoscopy from his colon?

Select one:

- A) Granulomas
- B) Fat creeping
- C) Pesudopolyps
- D) Non-caseating granulomas.
- E) Serpentine ulcer.

50) Helicobacter pylori infection is most prevalent in developing countries, in what age people the chances of infection is the highest?

Select one:

- A) 10 to 30
- B) Infant
- C) 60 and above

D) 2-8 years

E) 30 to 50

51) What is the name of the rectal folds?

Select one:

A) Rectal shelves

B) Relaxation of puborectalis portion of levator ani muscles

C) Anteroposterior flexures of the rectum

D) Lateral flexures of the rectum

E) Contraction of pubo-rectalis portion of levator ani muscles

52) Salivary secretion is controlled by?

Select one:

A) Both conditional and unconditional reflex

B) Unconditioned reflex

C) Hormonal

D) Enteric plexus

E) Conditioned reflex

53) A 14-year-old girl known case of sickle cell anemia came to the emergency with sudden right upper quadrant abdominal pain. Ultrasound reveals a dilated thickened gallbladder filled with stones. A cholecystectomy is performed. The gallbladder contained multiple faceted tiny dark black gallstones. Which of the following is the most likely main component of these stones?

Select one:

A) Triglycerides

B) Magnesium

C) Calcium bilirubinate

D) Melanin

E) Cholesterol

54) All are Correct regarding schistosomiasis, EXCEPT?

Select one:

- A) a. Each worm pair produces about 300 eggs daily.
- B) b. Eggs that fail can be detected in different body tissues.
- C) c. sandy patches are calcified eggs.
- D) d. The eggs that swept back to the systemic circulation can cause complications many years later.
- E) e. Not more than 40% of eggs are excreted in stool,

55) Defecation often follows breakfast. The cause of colonic contractions in this situation is?

Select one:

- A) Gastro-colic reflex.
- B) Enterogastrone hormone
- C) Gastro-ileal reflex
- D) Increased circulating levels of CCK.
- E) Enterogastric reflex.

56) All of the following can be caused by H, pylori infection, except?

Select one:

- A) Esophageal varices
- B) Antral gastritis
- C) Gastric ulcer
- D) Duodenal ulcer
- E) MALT lymphoma

57) Regarding laxatives the following drug can be used for treatment of ACUTE CONSTIPATION?

Select one:

- A) a. Magnesium Sulphate.
- B) b. Peptin-Kaolin.
- C) Psyllium
- D) Senna
- E) Loperamide

58) A 25-year-old healthy man who has a family history of colon cancer with onset at a young age. There are no abnormal physical examination findings. He undergoes colonoscopy and there are over 150 tubular adenomas on gross inspection and microscopic examination of biopsies. Which of the following genetic diseases is the most likely to have?

Select one:

- A) PTEN-associated syndrome
- B) Lynch syndrome
- C) Hereditary non-polyposis colon carcinoma syndrome
- D) Familial Adenomatous Polyps
- E) Peutz-Jeghers syndrome

59) All following drugs can be used in treatment of peptic ulcers, EXCEPT?

Select one:

- A) Bismuth subsalicylate
- B) Famotidine
- C) Prednisilone
- D) Magnesium hydroxide
- E) Esomeprazole

60) *S. enteritidis* and *S. typhimurium* causes enterocolitis and gastroenteritis in humans. What is the most common food for the transmission of this infection?

Select one:

- A) Canned beans
- B) Poultry and eggs**
- C) vegetables
- D) Yogurt
- E) Fruits and

61) Which of the following statements concerning liver sinusoids is TRUE?

Select one:

- A) They deliver blood to the central vein**
- B) They are surrounded with bile canaliculi
- C) They drain blood into the portal vein
- D) They are surrounded by a well-developed basal lamina
- E) They are lined by porous hepatocytes

62) Which is attached to the posterior border of the hard palate?

Select one:

- A) Palatopharyngeus muscle
- B) Palatine aponeurosis**
- C) Musculus uvulae
- D) Soft palate muscles
- E) Palatoglossus muscle

63) A 33-year-old man complained of watery diarrhea associated with flatulence for the past year associated with weight loss. On physical examination, there are no significant findings. A stool sample is negative for occult blood, ova, and parasites, and a stool culture yields no pathogens. An upper gastrointestinal endoscopy is performed. A biopsy specimen from the upper part of the small bowel shows severe diffuse blunting of villi and a chronic inflammatory infiltrate in the lamina propria. Which of the following serologic tests is likely to be the most sensitive?

Select one:

- A) Anti tissue transglutaminase antibody
- B) Anti deamidated gliadin antibodies
- C) Antiendomysial antibody and Anti deamidated gliadin antibodies
- D) Antiendomysial antibody
- E) Anti tissue transglutaminase and Anti deamidated gliadin antibodies

64) Choose the incorrect statement?

Select one

- A) Deficiency of glucose-6-phosphatase leads to GSD type I a
- B) It is that the use of aspirin and other salicylates after a viral infection trigger Reye's syndrome
- C) The most known mutation of HFE is C282Y
- D) Wilson disease is caused by mutation in ATP73 gene
- E) In glycogen storage disease type II the glycogen is abnormal

65) A 54-year-old man has complained for 5 months of upper abdominal pain accompanied by nausea. Upper GI endoscopy is performed and gastric biopsies are taken that on microscopic examination reveal acute and chronic mucosal inflammation along with the presence of *Helicobacter pylori* organisms. The presence of these organisms is most likely to be associated with which of the following?

Select one:

- A) Gastric mucosal invasion with septicemia
- B) Hypochlorhydria
- C) Pernicious anemia
- D) Diffuse large B cell lymphoma
- E) Esophageal ulceration

66) The following may be used for acute dystonia due to metoclopramide, except?

Select one:

- A) Benztropine
- B) Orphenadrine
- C) Diphenhydramine
- D) Diazepam
- E) Dexamethasone

67) The anterior boundary of the Epiploic Foramen is?

Select one:

- A) The portal traid
- B) Caudate process of the caudate lobe of the liver
- C) Inferior vena cava
- D) First part of the duodenum
- E) The portal vein

68) Which statement is INCORRECT regarding control measures for the prevention of cholera?

Select one:

- A) Observation of personal hygiene
- B) The live attenuated vaccine has protection against cholera
- C) Proper cooking and hygienic handling of food
- D) Provision of potable water

E) Proper sewage disposal

69) Pancreatic secretion in carbohydrates digestion, choose the wrong statement?

Select one:

- A) Pancreatic alpha-amylase hydrolyze the starches and glycogen
- B) Secrets approximately 1.5 L,/day that enter the duodenum
- C) Alpha-amylase is an endo-glucosidase
- D) Bicarbonate neutralizes the acidic pH of stomach contents
- E) Pancreatic alpha-amylase hydrolyze all alpha-1, 4 bonds

70) Heat stable toxins stimulates production of which molecule inside the cells, resulting in secretory diarrhea?

Select one:

- A) Na
- B) CAMP
- C) CL
- D) Bicarb
- E) CGMP

71) One of the following is not among the metabolic syndrome criteria?

Select one:

- A) Waist circumference
- B) Serum Triglycerides
- C) HDL Cholesterol
- D) LDL Cholesterol
- E) Blood Pressure

72) Which glands open into the vestibule of the mouth opposite the upper 2nd molar tooth?

Select one:

- A) Submandibular glands
- B) Sublingual glands
- C) Parathyroid glands
- D) Parotid gland
- E) Thyroid gland

73) According to recent researches the most effective strategy to reduce diarrheal diseases morbidity is?

Select one:

- A) Antibiotic usage
- B) Anti-diarrheal drug use
- C) Hand washing
- D) Water availability
- E) Water quality

74) Regarding water related disease classifications, Which statement is INCORRECT?

Select one:

- A) a. Chemically contaminated water related to water containing excessive amounts of arsenic
- B) b. Water based diseases in which the aquatic environment provides an essential habitat and intermediate hosts
- C) c. Water borne disease related to consuming contaminated water like malaria
- D) d. Water washed diseases related to the effect of inadequate quantities of water

E) e. Water borne disease related to consuming contaminated water like hepatitis A

75) Concerning antidiarrheal, ANTICHOLINERGICS can be given to a patient with history of the following?

Select one:

- A) BPH
- B) Cardiac problem.
- C) Urinary retention.
- D) Glaucoma
- E) Arthritis

76) A 43-year-old man who presented with epigastric pain. On physical examination he has no abnormal findings. On upper GI endoscopy a loss of rugal fold in the body and the microscopic examination revealed deep chronic gastritis. Which of the following laboratory test findings is most likely to be present in this man, except?

Select one:

- A) a. Negative urea breathe test.
- B) b. Normal plasma substance P.
- C) . Elevated serum gastrin.
- D) Mild gastric hypochlorhydria
- E) e. Negative stool antigen for H.Pylori microorganisms.

77) A 57-year-old woman has had burning epigastric pain after meals for more than 1 year. Physical examination shows no abnormal findings. Upper gastrointestinal endoscopy shows an erythematous patch in the lower esophageal mucosa. A biopsy specimen scattered intraepithelial inflammatory cells with predominant of eosinophils. Which of the following is the most likely diagnosis?

Select one:

- A) Reflux esophagitis
- B) Squamous cell carcinoma
- C) Eosinophilic esophagitis
- D) Esophageal varices
- E) Barrett esophagus

78) Hemochromatosis, choose the wrong statement?

Select one:

- A) a. Resulted from mutations to gene HFE
- B) b. Our body has no natural way to rid itself of the excess iron
- C) c. Transferrin saturation values greater than 45 percent are considered too high
- D) Patients who inherit one defective gene are normal and have normal iron absorption
- E) It is a recessive genetic disease

79) Which of the following is the second most common cause of pediatric gastroenteritis with diarrhea lasts for a long time?

Select one:

- A) Norwalk virus.
- B) Astrovirus
- C) Rotavirus
- D) Hepatitis A virus,
- E) Adenovirus 40/41.

80) Concerning laxatives, all the following are side effects of SALINE, EXCEPT?

Select one:

- A) Skin rashes.
- B) Diarrhea
- C) Magnesium Toxicity with renal insufficiency.
- D) Increased thirst.
- E) Cramps

THE END