

GI final exam

- 1) which statement is wrong about Hymenolepis nana :
 - A) has an intermediate host ***

- 2) all of the following about Balantidium coli is true except :
 - A) causes liver abscess ***
 - b) produce dysentery like E.histolatica.
 - c) cause liver abscess.
 - d) have cytosome
 - e) hogs as a reservoir

- 3) A child has vomiting and suffering from constipation and weight loss , which of the following conditions the child most probably have it :
 - A) atresia in the esophagus
 - B) atresia in the duodenum
 - C) atresia in the pylorus ***
 - D) atresia in the anal canal
 - E) anyone from above can be right.

- 4) A causal relation is commonly between which of the matches below.
 - A) reflux esophagitis === columnar metaplasia ***

- 5) the most common abnormality in the small intestine?
 - A) .hirschsprung
 - B) meconium ileus
 - C) meconium ileus
 - D) another condition *** (It is Meckel's Diverticulum).

6) about *V.parahaemolyticus*:

- a-gastroenteritis
- b-rarely produce sepsis
- c-contamination through wounds
- d-a and b
- e-b and c

7) a surgeon drain an abscess formed in ano-rectal junction, he done a mistake. and the patient suffered from incompetence :

- a- superficial part of external sphincter
- b- subcutaneous part of external sphincter
- c- internal anal sphincter
- d- puborectalis muscle ***
- e- anococcegeus muscle

8) which of the following is not true about pancreas:

- a- uncinat process is found between aorta and superior mesenteric vessels
- b- splenic artery pass on its superior border
- c- splenic vein pass on its posterior surface
- d- transverse mesocolon attach to its inferior border ***

9) which is wrong about the common bile duct:

- a- descend in the free edge of the lesser omentum
- b- anterior to head of pancreas ***
- c- open in the 2nd part of duodenum independent of pancreatic duct
- d- pass behind the 1st part of duodenum

10) What is wrong about the anal canal:

- A) in internal hemorrhoid a branch of inferior rectal vein is involved ***

11) What is wrong about the esophageal varices.

- A) a branch of the right gastric anastomoses with a systemic branch

12) Kayser-Fleischer rings occur in which of the following disease:

- A) Wilson disease.***

- 13) all of the following contribute to ascites except:
a- sinusoidal hypertension
b- hypoalbuminemia
c- increase thoracic duct flow.
d- hyperaldosteronism
e- cellular swelling. ***
- 14) all of the following are associated with portosystemic shunt, except:
a- hemorrhoids
b- esophageal varices
c- caput medusae
d- hepatosplenic shunt ***
e- retro-peritoneal shunt
- 15) which of the following is wrong about carcinoid:
a- most common in the colon ***
b- appendicular carcinoid don't metastasize
c- they are secretors of bioactive substances
d- mostly due to serotonin secretion
e- behavior depends on the location
- 16) about colorectal cancer, which is wrong:
a- more in males
b- more common on the right side
c- NSAIDs are protective from them
d- genetic and environmental factors.
- 17) Which of the following have the highest risk of malignancy:
a) villus adenomas ***
- 18) about juvenile polyps, which is wrong:
a- associated with rectal bleeding.
b- large and benign
c- affect both sexes
d- mostly in ascending colon
e-
- 19) all of the following differentiate ulcerative colitis from Crohn's except:
a- associated with granulomas ***
b- no transmural thickening
c- high rate of malignancy
d- continuous lesions

20) which of the following is not true about chron's disease:

- a- skipping lesions
- b- string sign
- c- more in white than non-whites
- d- assocaited with fissures and fistulas
- e- result in episodes of vomiting and constipation *** (Diarrhea)

21) which of the following is not true about peptic ulcer:

- a- the most common location is the pyloric antrum
- b- no sex predilection
- c- male to female ratio is 2:1
- d- ...
- e- ...

22) which is nor true about acute stress ulcer:

- a- can be caused by burns.
- b- small in size
- c- mostly multiple
- d-related to H.pylori infection
- e-....

23) a six week old infant present with projecting vomits, constipation, and weight loss. which of the following can produce these symptoms:

- a- pyloric stenosis ***
- b- duodenal stenosis
- c- anal stenosis
- d- esophegeal stenosis
- e- any of the above can cause those symptoms

24) plummer- vinson syndrome composed of anemia, glossitis, and which of the following esophageal abnormality:

- a) webs ***

25) all of the following are predisposing factor for pancreatic carcinoma, except:

- a- smoking
- b-chemical carcinogenic
- b-diabetis mellitius
- c- chronic pancreatitis
- d-migratory thrombophlebitis
- e-K-Ras mutation.

- match the drug with the adverse effect

26- cimetidine
27-Al (OH)₃
28-corticosteroid
29-lubricant laxative
30- Codiene

a-drug interaction
b-constipation
c-interfere with vertical growth
d- lipoid pneumonia
e-addiction

(26-a 27-b 28-c 29-d 30e)

- match the drug with its use

31-omeprazole
32-ondansetron
33-loperamide
34-castor oil
35- "omitted"

a- peptic ulcer
b-antiemetic
c-antidiarrheal
d-laxative
e-antiasthmatic (Omitted question)

(31-a 32-b 33-c 34-d 35-e)

36- about Omphalocele, which is wrong:

- a- herniation through umbilical ring.
- b-covered by amnion
- c- associated with chromosomal abnormality
- d-have low mortality rate ***
- e- result of unreturned physiological hernia.

37- which of the following don't mark recovery from HBV infection:

- a- extreme old age infection ***
- b- appearance of HBe-IgM in the serum

38- about viral gastrointestinal infection, which is wrong:

- a- incubation period is 24-48 hours ***
- b- produce diarrhea and fever, with no vomiting
- c- rota-virus cause infection early in life.
- d- norovirus has more than one mode of transmission
- e- adenovirus result in sporadic cases.

38- about *Hymenolepis nana*, which is wrong:

- a- dwarf tapeworm
- b- have intermediate host ***
- c- eggs have 2 membranes
- c- eggs have polar filaments
- d- release oncosphere

39- about *Clostridium difficile*, which is wrong:

- a- aerobic spore forming bacilli ***
- b- nosocomial infection
- c- pseudomembranous colitis
- d- found in 5-20% of population
- e-

40- about *Campylobacter jejuni*

- a- lives in 42°C
- b-
- c- cause sepsis and arthritis
- d- a and b
- e- a, b, and c

41- about swallowing, all true except:

- a- composed of voluntary and involuntary phases.
- b- primary peristalsis is initiated at the pharynx
- c- secondary peristalsis is initiated in the esophagus by remnant of food in the esophagus.
- d- preceded by relaxation wave to open the lower esophageal sphincter.
- e- closure of epiglottis is voluntary. ***

42- a question about pepsin (wrong statement):

- a) pepsin is activated by low pH

43- which of the following produce the highest metabolic rate:

- a-sleep
- b-hypothyroidism.
- c-basal state.
- d-fever ***
- e- Malnutrition

44- which of the following is true about protein digestion:

- a-digestion of protein is initiated at the mouth.
- b-pepsin is secreted in active form.
- c-pepsin is inactivated in duodenum by enterokinases.
- d- digestion is continued by brush border enzymes, and intracellular enzymes. ***
- e- more than one of the above

45- about pancreatic secretion, all true except:

- a-CCK increase enzymatic production.
- b- HCO₃ and water production is increases by secretin
- c- controlled by parasympathatic system.
- d-effected by blood flow to pancreas.
- e-decrease HCO₃ concentration during active secretion. ***

46- about enterohemorrhagic E.coli (whats wrong)

- a- common in jordan
- b-produce vero toxins
- c- found in intestine of cows.

47- which of the following is wrong about typhoidal sallmonella :

- a-incubation period is 1-3 days *** (weeks)
- b- widal test is used for diagnosis
- c-carrier have the organism in their gallbladder

48- which of the following produce neurotoxins:

- a- s.dysentery ***

49- most viral hepatitis with fulminant liver failar → HDV

50- anal canal----lower part develps in the 9th week

51- the liver develops from all of the following EXCEPT:

- a. endoderm of the gut.
- b. umbalical vein sinuses.
- c. cardinal sinuses.***
- d. vitelline artery sinuses.
- e. septum transersum.

52- in imperforate anus, it's associated with rectovesical fistula, the common cause is:

- a. abscence of allantois.
- b. dilatation of the hindgut.
- c. failure in proctoderm depression.
- d. defect in the urorectal septum.

53- all of the following happen during the rotaion of the stomach except:

- a. the right part becomes posterior.
- b. the ventral mesogastrum gives omental bursa ***
- c. the posterior surface grows to be the greater curvature.
- d. left vagus supplies the anterior part.
- e. the proximal and distal ends come approximate to each other.

54- all of these concerning salmonella are true except:

- a) it's incubation period is 1-3 days ***
- b)cause meningitis
- c)mostly infect human by water contamination
- d) the carrier associated with gall bladder infection
- e) widel test is used...

55- In pervaginal examination we can palp all of the following except:

- a-sigmoid colon
- b-seminal vesicle ***
- c-ureter
- d- perineal body
- e- urinary bladder.

56- all these parts of the GI contain simple columnar epithelium & goblet cells except :

- a- stomach ***
- b- appendix
- c- large intestines
- d- Ilium and Jejunum.

57- The type of Hepatitis most commonly related to Chronicity is : HCV

58- Ground-glass appearance of Hepatocytes is seen in : HBV

59- Drug indudced liver diseases are mostly caused by : acetaminophen

60- All of the following regarding the rectus sheath is true except :

- a- 2 muscles
- b- 2 epigastric arteries
- c- Lower intercostals nerves
- d- Ilioinguinal and iliohypogastric nerves ***
- e- Tendency to intersections

61- an injury to the ilio-inguinal nerve , might be associated with one of these types of hernia :

- a- direct hernia ***
- b- indirect hernia
- c- lumbar hernia
- d- internal hernia
- e- incisional hernia

62- all the following statements about the abdominal sympathetic chain are true except :

- a- has 4-5 segmental ganglia
- b- the left chain lies on the left edge of the aorta
- c- the sympathetic fibers that innervates the sigmoid comes from the sup & inf mesenteric plexuses ***
- d- it passes behind the medial arcuate ligament
- e - it passes behind the common iliac vessels

63- all the following pass deep to the mylohyoid except

- A- lingual Artery
- B- hyoglossus nerve
- c- submandibular ganglion
- d-Nerve to mylohyoid ***
- e-submandibular Gut

64- 4. wats related to V.parahaemolyticus:

- (A) gastroenteritis
- (B) rare sepsis ?
- (C) wound infection
- (D) a+b
- (E) a+b+c ***

65- histology of the parotid gland, all true except :
presence of centroacinar cells

66- HAV and HEV are similar in all of the following except :
mortality rate (10x higher with HEV)

67- Portal system receives blood from all these organs except:

- 1- pancreas
- 2- stomach
- 3- liver ***
- 4- duodenum
- 5- spleen