

AJGI midterm

1) stratified squamous epithelium is the covering or lining of all of the following except :

D. appendix

2) concerning the histology of the stomach , all are correct except :

C. in the pyloric region the chief cells are abundant and located in the ... aspect of the pyloric gland

3) concerning the histology of the liver , all are correct except :

c. the blood sinusoids are lined by unfenestrated endothelial cells and kupffer cells

4) the crypts of Lieberkuhn in small intestine , all are correct except

D. it contains DNES cells which manufacture and release the urogastrone

5) concerning the histology of digestive glands , all are true except

B. the parotid acini are capped by serous demilunes & deliver their secretion into intercalated ducts

6) all structures are felt by (P.R) examination , except :

C. stone in the lowest portion of the ureter

7) young surgeon operating on a patient to drain an abscess in the region of the anorectal junction , 3 days later he was surprised to learn that the patient was incontinence , which of the following structures is severely damaged and responsible for that :

A. Puborectalis muscle

8) the anal canal , all are true except :

C, mucous membrane of upper part is sensitive to pain

9) the pudendal canal , all are true except :

A. it begins at the greater sciatic foramen close to ischial spine

10) patient with chronic gastric ulcer , that hadn't responded to medical treatment , at operation the surgeon was found that the posterior wall of the stomach was stuck down in the peritoneum of abd. Wall , the surgeon has to proceed with great care to avoid damaging all the following except :

E. Spleen

11) patient with severe gastrointestinal bleeding , diagnosed as duodenal ulcer situated on the posterior wall of the first part of duodenum , which blood vessels were likely to have been eroded ?

E. gastroduodenal Artery

12) which of the following structures passes between the middle and inferior constrictor muscles of the pharynx :

B. internal laryngeal nerve

13) malignant tumors of the parotid gland destroyed the facial nerve or its branches in the substance of the gland which of the following tests would not be helpful in the diagnosis of facial nerve injury :

A) asking patient to clench the teeth firmly

14) as a complication of appendicitis abscess may found in the following sites except :

B. left supraphrenic space

15) all lie posterior to the first part of duodenum except :

C. right gastroepiploic artery

16) the inferior vena cava crossed anteriorly by all the following except :

A. right renal Artery

17) concerning the foramen of Winslow all are correct except :

C. superiorly it is related to the quadrate lobe of liver

18) the esophagus in thorax has all the following in the left side except :

C. left main bronchus

19) all of the following are in the bed of parotid gland except :

D. medial pterygoid muscle

20) in pancreas all are correct except :

c. the posterior surface covered by peritoneum of greater sac

21) all of the following concerning the direct inguinal hernia are true except :

D. the hernia sac lies lateral to inferior epigastric artery

22) which of the following lies medial to hyoglossus muscle :

E. lingual Artery

23) the vermiform appendix, all are true except :

E) the common position is pelvic

24) concerning the abd, all are true except :

E) the lower 6th intercostal nerves lie between the int. oblique and ext. oblique

25) blood flow toward gastrointestinal tract is controlled by all of the following, except :

B. ICC (interstitial cells of Cajal)

26) all of the following may describe the contraction that appear along the small intestine except :

D. increased velocity of chyme propulsion may lead to an increased intestinal absorption

27) one of the following with regard to contractions that appear in the colon is not true :

D, mass contractions are present all the day in the colon

28) one of the following about salivary gland secretion is true :

A. increases by unconditioned reflexes

29) one of the following describes pepsinogens :

E. more than one of the above (secreted mainly by chief cells + more active in media with low ph)

30)gastric HCl secretions is increased by all of the following except :

E. activation of enterogastric reflex

31)one of the following concerning pancreatic secretion is not true :

E. HCO₃⁻ is decreased at high rate of secretion

32) one of the following about digestion of protein is true :

E) some of the digestion processes are carried out by brush border & cytosomal peptidases

33) one of the followings with regard to fat absorption is true :

E) none of the above

34) by blocking the activity of Na⁺/K⁺ pump at absorptive cells , this will affects :

A)water

35) with regard the absorption of vitamins , one of the following is not true :

A) vitamin A is absorbed by facilitated diffusion

36) all of the following with regard to RQ are true except :

D. increasing by decreasing the ratio of CO₂ production / O₂ consumption

37) in normal person , feeding can be stimulated by increasing

B) body metabolic rate

38)one of the following about starvation is true :

E. depletion of proteins appear in 3 phases

39) which of the following about visceral larva margin is false :

C. basophilia

40) which of the following is associated with amoeba histolytica pathogenecity :

D. all of the above

41) which of the following are associated with Trichuris trichiurea , except :

A) lemon shaped cyst

42) which of the following organism can infect lumen gallbladder :

C. salmonella typhi

43) all of the following can be associated with Cl.difficile , except :

D. food intoxication

44) which of the following organism is growing transparent colonies on Hecton enteric agar :

A. shigella spp

45) widel test is used to detect infection with :

D. both (A+B) >> S.typhi & paratyphi

46) which of the following organism causes food intoxication ?

E. all of the above

47) which of the following in the usuall cause of heart burn man with history of smoking ?

D) hiatal hernia + E) excessive acid production by stomach

48) A 40 yr-old-male complained of long term history of heart burn and chest pain which increase in bending forward . endoscopy showed congested granular lower esophageal mucosa , esophageal biopsy would most likely show :

C. hypertrophic mucosa with many eosinophils

49)A 70-yr-old women presented with difficulty in swallowing & weigh loss

endoscopy revealed irregular narrowing of the lower third of esophagus

a biopsy showed markedly atypical cuboidal cells lining irregular gland-like structure

the most likely diagnosis is :

C. adenocarcinoma

50) A 34-yr-old women , presented with long term history of abdominal discomfort & nausea

there was no history of alcohol or drug abuse . hypochlorhydria was found but gastrin level was normal , gastic biopsy revealed H-pylori micro-organisms

which of the following is true regarding this condition ?

D. mucosal atrophy

51) A 33-yr-old female presented with generalized weakness , abdominal discomfort and weight loss , gastric

biopsy showed thickening of the wall and infiltration by single like cells

which of the following is related to this finding :

E. E-cadherin mutation

52) A 23-yr-old medical student presented with epigastric pain which tends to worse at night or 2 hrs after meals .

the pain relieved by food . endoscopy showed a mucousal defect .. clean base at the lesser curvature in pyloric area . which of the following is least to be expressed ?

D.gastroesophageal variclies

53)which of the following viruses is not a common causation agent of gastroenteritis among adults ?

B.adenovirus 40

54) rotaviruses and noroviruses share all of the following features except :

A. spread and prevention of infections

55) which of the following is not associated with hepatitis A ?

D. serum sickness like manifestation

56) all of the following about hepatitis A vaccine are true except :

A. it should be given as early as possible to infants

57) which of the following is not associated with hepatitis B ?

C. Relapses

58) all the following about viral hepatitis are true except :

E. being more commonly clinical & sever , hepatitis D infection are become chronic .

59) characteristic of hepatitis C infections include all the following except :

A. efficiently acquired across mucous membranes

60) which of the following about hepatitis E is not true ?

A.the virus emerged as a cause of disease only recently , in a980