

Gastrointestinal system

Wateen 2020

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PATHO

1. Which of the following is characteristic of Crohn's disease and not of ulcerative colitis.?

- A. rectal blood
- B. rectum is often spared
- C. is diffuse
- D. fistulas less common
- E. usually only affects the mucosa and the submucosa

Answer: B

2. which of the following is more specific for ulcerative colitis than Crohn's disease.?

- A. In rectum with containing pattern**

3. All the following are true regarding the histological features of focal nodular hyperplasia except:

- A. No portal tract**

4. 55yrs man came with food impaction and dysphagia, upper endoscopy was made and there was cell hyperplasia and ... and neutrophils more than 15 cells/zone, which is correct?

- A. Not associated with barret esophagus
- B. Autoimmune esophagitis
- C. Respond well to PPI
- D. Has rings in its upper and mid esophagus

Answer: C

5. Which gene mutation causes FAP

APC gene

6. Which of the following is true regarding Hirschberg disease?

- A. Aganglionic part is proximal to the dilated part
- B. Aganglionic part is distal to the dilated part
- C. Dilated part is the aganglionic part

Answer: B

7. One is not correct about pyogenic granuloma.

The recurrence rate is 25% after simple enucleation and 4% after wider resection

8. The major feature of celiac disease:

Villi atrophy

9. which is false matching :

- a. Stress ulcers - severe trauma.
- b. Stress ulcers - severe burns.
- c. Cushing ulcers - high incidence of perforation.

Answer: B

ANATOMY

1. One of the following is true according to the lingual papilla

It receives opening from the submandibular duct

2. Which one is part of the midgut:

- A. Jejunum
- B. esophagus
- C. liver

Answer: A

3. The relation that is embedded within the parotid gland :

Retromandibular vein

4. The mesentery that divides the infra-colic compartment into right and left:

The mesentery of the small intestine

5. Duodenum?

- A. Anterior to the bile duct
- B. Posterior to the spleen
- C. Posterior to the right lobe of the liver

ANSWER: A

6. Stomach?

- A. The splenic artery supplies the lesser curvature
- B. left and right gastric arteries

Answer: B

7. Which of the following is correct regarding the rectum?

- A. It has 5 flexures
- B. It has 3 flexures
- C. Contains 3 borders

ANSWER: B

8. All the following are arterial supplies of anal canal except??

- A. median sacral artery
- b. medial sacral artery

Answer: B

9. One is correct about tonsillar fossa

- A. Floor / superior constrictor
- B. Anterior / palatopharyngeal arch

ANSWER: A

10. The abdominal part of the esophagus is?

Supplied by the celiac trunk

11. Which of the following isn't found in the submandibular gland?

Centro-acinar cells

EMBRYO

1. Ankyloglossia is

the tongue is adherent to the floor of the mouth.

2. Anomaly due to the persistence of the whole vitelline duct??

- A. Vitelline sinus
- B. Vitelline cyst
- C. Meckel's diverticulum
- D. Ileal diverticulum
- E. Umbilicus fistula

Answer: E

3. -in the first few days after birth, failure of migration of neural crest cells from neural folds to form parasympathetic ganglia (no nerve) :

Hirschsprung's disease

Biochem

1. Which enzyme is secreted actively

Amylase

2.The secondary bile salt that is excreted by feces

Lithocolic acid

3. One of the following is true about enteropeptidase

It cleaves the protein inside the chain not outside

4. Acanthosis is spiked RBCs, it is found in which disease?

Abetalipoproteinemia

5. All the following are correct about (Von Gierks disease) EXCEPT:

a. normal in structure but present in abnormally

b. Deficiency of Alpha 1,4 phosphatase

c. deficiency of liver Glucose 6- phosphatase

Answer: B

6. phospholipase A2?

a. remove fatty acids from compounds

b. digests dietary triacylglycerols producing 2 free fatty acids and 2-monoacylglycerol

c. Digests phospholipids to free fatty acid and a Lysphospholipid

Answer: C

Micro

1.which one is the largest protozoa?

Blantidium coli

2. Which hepatitis-causing virus needs HiB for infection?

Hepatitis D

3. All the following is true regarding H.pylori except?

- A. Catalase positive oxidase negative
- B. Urease positive
- C. Motile
- D. Lophotrious flagella

Answer: A

4. Which of the following causes papillomata, granulomas, and sandy patches?

- A. Sictosoma mansoni
- B. Giardia lamblia
- C. E. Vermicularis

Answer: A

5. Which of the following has an A&B toxin that causes an increase in the adenylate cyclase-making cAMP?

- A. V.cholera
- B. E.coli
- C. B.cerues
- D. Botilinuim
- E. Staph

Answer: E

6. for which of the following do we use enterotest?

Giardia lamblia

7. HOW Ancylostoma sucks ccs of blood daily from duodenal:

- A. about 0.5 ccs
- b. about 1.5 ccs
- c. about 2.0 ccs

Answer:A

8. All of the following are predisposing factors for the development of infection with G.lamblia EXCEPT:

- A. Low level of secretory Ig A in the gut.
- B. Hypergammaglobulinemia
- c. Vitamin A deficiency

Answer:B

Pharma

1. One of the following is a stimulant laxative

Castor oil

2. One of the following is fecal softener :

Docusate

3. The scan for gall stones:

Ultrasound

4. All the following drugs can be used in the treatment of peptic ulcers, EXCEPT?

- A. Bismuth sub salicylate
- B. Famotidine
- C. Prednisolone
- D. Mg hydroxide
- E. Esomeprazole

Answer: C

5. All the following drugs cause cholestasis except?

Methyl dopa

6. Adsorbents decrease absorption of all drugs except??

Amphetamine

7. All the following related to acute pancreatitis except :

- A. Microlithiasis
- B. Slow peristalsis
- C. Alcohol abuse
- D. Trypsin
- E. Santorini duct

Answer: E

Physio

1. Which of the following is most dependent on vagal stimulation?

- A. saliva
- B. bile
- C. Pepsin
- D. HCL
- E. sweat

Answer: B

2. All of the following are complications of vomiting EXCEPT:

- a. Alkalemia
- b. Increase ionized Ca^{+2}
- c. Dehydration

Answer: B

3. All of the following stimulate the production of hcl in the stomach except :

pge2

Histo

1. Where are striated muscles found?
Pharynx-esophagus junction

Community

1. food poisoning refers to an incident in which two or more persons experience a similar illness after :
ingestion of a common food.
2. Pellagra due to deficiency in?
Vit B3
3. which of the following is true about Scurvy :
Characterized by the breakdown of connective tissue

وهذه هي الدنيا: علو وانخفاض، وقوة وضعف، نهار مضيء بعد ليل مظلم، وشتاء باكٍ بعده ربيع ضاحك بالزهر، لا يدوم على حال إلا الكبير المتعال، ثم تذهب الدنيا ويذهب هذا كله معها، ولا يبقى للإنسان إلا إحسان قدمه يرجو ثوابه أو عصيان يخشى عقابه. □
• الطنطاوي.

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