

4-A 60-year-old patient with liver cirrhosis and portal hypertension who developed sudden massive hematemesis and hypovolemic shock. what is the most likely cause of this bleeding based on this scenario?

- a. Esophagitis.
- b. Esophageal varices.
- c. Esophageal cancer.
- d. Gastric ulcer.
- e. Gastric cancer.

13

B

6-Which of the following typically describes Barrett esophagus:

- a. Esophageal ulceration as a result of reflux esophagitis.
- b. Squamous dysplasia.
- c. Marked eosinophilic infiltrate of the esophageal mucosa.
- d. Intestinal metaplasia as a result of long-standing reflux esophagitis.
- e. Esophageal adenocarcinoma as a result of reflux esophagitis.

D

11-A 30-year-old HIV positive man, presented with dysphagia and odynophagia. Upper endoscopy showed adherent whitish thick membranes in the esophagus. Biopsy showed matted hyphae. Which of the following he is most likely to have:

- a. Helicobacter pylori infection.
- b. Eosinophilic esophagitis.
- c. Herpes simplex virus esophagitis.
- d. Candida esophagitis.
- e. Chemical esophagitis.

D

19-Autoimmune gastritis is typically associated with which of the following:

- C
- a. Decreased gastrin levels.
 - b. Hyperchlorhydria.
 - c. Pernicious anemia.
 - d. Mucosa associated lymphoid tissue (MALT) lymphoma.
 - e. Spares the body of the stomach.

20-A 58 year old man was admitted to the hospital with vomiting of blood. Upon examination several enlarged superficial veins were seen around the umbilicus. The diagnosis was cirrhosis of the liver secondary to chronic alcoholism. Concerning the above case, all the following statements are correct EXCEPT:

- C
- a. At the lower end of esophagus, a branch from the left gastric vein anastomoses with esophageal tributary of the azygos vein.
 - b. The normal blood flow of the portal vein is impaired by cirrhosis of the liver.
 - c. Enlarged superficial veins around the umbilicus is due to link between the umbilical veins and hypogastric veins.
 - d. In this condition the patient may have hemorrhoids.
 - e. Vomiting of blood is due to esophageal varices.

28-Which of the following colonic polyposis syndromes is typically associated with central nervous system tumors:

- A
- a. Turcot syndrome.
 - b. Peutz-Jeghers syndrome.
 - c. Gardner syndrome.
 - d. Juvenile polyposis syndrome.
 - e. Lynch syndrome.

34-A 25-year-old man presented complaining of steatorrhea and found to have iron deficiency anemia. Serology showed elevated levels of anti TTG and anti-endomysial antibodies. What would you expect to see upon microscopic examination of a biopsy from the duodenum for this patient?

- a. Marked neutrophils infiltration.
- b. Increased intraepithelial lymphocytes and villous atrophy.
- c. Dilated lymphatic spaces.
- d. Pseudopolyps.
- e. Lipid accumulation in the cytoplasm of epithelial cells

B