

Key Answers To Midterm GIT Exam

ATYAF

Atyaf

Written By:

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Please Note:

- The answer for question number 30 was hidden in the original key.
 - The question and the answer number 65 were missed in the original key.
 - The total number of questions is 69 only.
1. Injection of a local anesthetic on the incisival papilla will lead to:
 - Temporal block of the nasopalatine nerve.
 2. A child with enlarged pharyngeal tonsil (adenoids) may complain of earache because:
 - The pharyngeal tonsil may block the pharyngeal opening of Eustachian tube.
 3. A patient who presents with hematemesis (vomiting of blood) due to portal hypertension (increased blood pressure in the portal vein) can be explained as:
 - Rupture of enlarged submucosal veins of the lower third of the esophagus.
 4. The visceral surface of the left lobe of the liver shows impressions for:
 - Esophagus and stomach.
 5. In the free edge of the falciform ligament of the liver runs:
 - The umbilical vein.
 6. A patient who shows on computer tomographic cross sections of the upper abdomen great accumulation of fluid behind the stomach may most probably have:
 - Exudate (inflammatory fluid) due to pancreatitis (inflammation of the pancreas).
 7. In retrograde endoscopy of the bile duct system the catheter is introduced through the great duodenal papilla present on:
 - Posteromedial surface of second part of duodenum.
 8. The portal vein is formed by the union of splenic and superior mesenteric vein:
 - Posterior to the neck of the pancreas.
 9. In Appendectomy (surgical removal of the appendix vermiformis) the appendicular artery has to be ligated (closed up). This artery is:
 - Branch of the ileocolic artery and runs in the mesoappendix.
 10. Operations on the posterior aspect of the rectum may injure any of the following structures except:
 - Testicular artery.
 11. Omphalocele is a condition diagnosed in newborns and results from:
 - Incomplete retraction of physiological herniation normally taking place at the 10th week of development.
 12. The total range of rotation of intestinal loop during development comprises:
 - 270° anticlockwise.
 13. Space of Disse represents:
 - Exchange space between hepatocytes and liver sinusoids.
 14. Paneth cells represent:
 - Apically granulated cells.
 15. Serous demilunes in salivary glands can be seen most frequently in:
 - The sublingual.
 16. Which of the following is false regarding non alcoholic fatty liver disease:
 - Never progresses into cirrhosis.
 17. The classical triad of Microangiopathic hemolytic anemia thrombocytopenia and

renal failure is a classical manifestation of a disease caused by which of the following organisms:

- Enterohemorrhagic E. coli.

18. Which of the following parasites can infect its host again (autoinfection)?

- Strongyloides stercoralis.

19. A 28 year old woman has taken an overdose of tetracycline, what is the expected microscopic finding of her liver biopsy?

- Normal histology.

20. The most characteristic histological feature in the portal tracts of a patient with primary biliary cirrhosis is?

- Non-suppurative granulomas.

21. All the following are features of acute hepatitis EXCEPT:

- Ground glass cells in HBV infection.

22. All of the following are true about cystic fibrosis EXCEPT:

- Islet cells of the pancreas are usually affected.

23. Which of the following statements is TRUE regarding neonatal cholestasis:

- The patient may present with hepatomegaly.

24. " Nutmeg liver" is seen in:

- Passive congestion.

25. Which of the following is TRUE regarding gall stones?

- Black stones are radioopaque.

26. Barrett esophagus refers to:

- Glandular metaplasia of the esophageal mucosa.

27. All of the following conditions are correctly matched with the appropriate phrase EXCEPT:

- Mallory-weiss syndrome ___ eating fat and chocolate.

28. All of the following are associated with increased risk of esophageal cancer EXCEPT:

- Herpetic esophagitis.

29. Which of the following has changed dramatically our concepts regarding peptic ulcer disease?

- Identification of Helicobacter pylori organisms.

30. All of the following diseases have strong causal association with Helicobacter pylori infection EXCEPT:

- ▶ **Autoimmune gastritis**

31. All of the following are factors associated with increased incidence of gastric carcinoma EXCEPT:

- Hyperchlorhydria.

32. All of the following diseases are correctly matched with the appropriate feature or complication EXCEPT:

- Lactase deficiency ___ villous atrophy.

33. Each of the following is associated with celiac disease EXCEPT:

- Response to antibiotics.

34. Which of the following is TRUE of ulcerative colitis?

- The rectum is almost always involved.

35. Which of the following is the best tool to accurately diagnose inflammatory bowel disease?

- Clinicopathological correlation at

multidisciplinary meeting.

36. Of the following, which is LEAST likely to develop colonic adenocarcinoma?

- Peutz-Jegher syndrome.

37. All of the following mutations are involved in the carcinogenesis of colorectal cancer EXCEPT:

- E-cadherin.

38. All of the following oral regions are surfaced by nonkeratinized epithelium EXCEPT:

- Gingiva.

39. Which of the following is wrong about saliva secretion:

- It is highly concentrated with Na at slow flow rate.

40. Secondary strong peristalsis waves are generated:

- When a bolus of food is stuck in the esophagus.

41. A 45 year old patient with pyloric gastrectomy went for check up in, King Abdulla teaching hospital. His hematological investigations indicated pernicious anemia. The anemia is due to:

- Lack of intrinsic factor.

42. Which of the following inhibits gastric secretion:

- Hyperosmolarity chyme in duodenum.

43. Which of the following is WRONG about the Basic electrical rhythm, BER:

- It is inhibited by large stretch of stomach.

44. After ingesting of a meal, the venous blood draining the stomach becomes slightly more alkaline: this can be explained by an increase in:

- HCO_3 secretion into blood in exchange for Cl^- .

45. It is common in infants to defecate after a meal; this is due to:

- Gastrocolic reflex.

46. Trypsinogen, chemotrypsinogen and procarboxipeptidases are activated by:

- Enterokinase.

47. Which of the following is a brush border enzyme and responsible for milk sugar digestion:

- Lactase.

48. Mucin domains are rich in which of the following amino acids?

- Threonine, Serine and Proline.

49. Which of the following statements concerning pepsin is FALSE?

- It has an exopeptidase activity.

50. Elastase enzyme cuts after which of the following amino acids?

- Ala, Gly and Ser.

51. Which of the following statements is FALSE?

- Women produce more alcohol dehydrogenase than men.

52. Which of the following statements concerning glycogen storage disease type-I is False?

- Low blood levels of uric acids.

53. Stimulation of IL-8, and neutrophil activating protein is a mechanism of action of which of the following genes that is highly associated with gastric cancer in helicobacter pylori infection?

- Cag.

54. Which of the following structural organs are important for the production of cholera toxin?

- Pili.

55. which of the following hepatitis viruses usually have the most severe outcome?

- Hepatitis D virus.

56. Which of the following structural components in Rota virus is associated with the diarrhea?

- Non structural protein 4.

57. Actin tail production is a mechanism of pathogenesis in which of the following organisms?

- Shigella dysenteria.

58. Which of the following culture specimen show Salmonella typhi as early as possible?

- Stool.

59. Inhibition of protein synthesis by ADP ribosylation to Elongation Factor I is a mechanism of action of:

- Shiga toxine.

60. Which of the following parasites you cannot find its ova in stool specimen?

- Enterobius vermicularis.

61. Outer membrane proteins are considered a

virulent factors in which of the following organisms?

- Yersinia enterocolitica.

62. Esomeprazole:

- Is commonly used in the management of gastro- esophageal reflux disease (GERD).

63. Which of the following antiulcer agents is most likely to induce uterine contractions?

- Misoprostol.

64. A 45-year old man presented with typical symptoms of ulcer dyspepsia, breath test proved positive for H pylori. The best initial treatment would be:

- Triple therapy.

65. Select the best statement concerning specific laxative or antidiarrheal agent:

- Loperamide can selectively reduce intestinal secretion.

66. Bulk-forming laxatives:

- Are usually hydrophilic compounds.

67. All of the following statements about drug induced liver injury (DILI) are correct, EXCEPT:

- Acetaminophen-induced toxicity is due to accumulation of N-acetylcysteine as an intermediate metabolite.

68. The rate of chronic infection among children in the preschool age infected with hepatitis B virus is:

- 20-50%.

69. Which of the following statements regarding colo-rectal cancer is true:

about 50% of Population Attributable Risk of the disease is attributed to diet.



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Always