


**«Approved»**   
at faculty meeting, prot № 3  
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## **QUESTIONS FOR MODULE №2**

### **"Clinical anatomy of vessels and nerves of the abdominal cavity, pelvis and lower extremity"**

1. Into which of the following veins does superior epigastric vein drain?
2. Which of the following veins connecting superior vena cava and inferior vena cava?
3. An arteriogram is performed on a patient with atherosclerosis. Luminal narrowing of which of the following vessels would compromise blood flow through the internal thoracic artery?
4. Posterior intercostal artery is a branch of which of the following arteries?
5. Anterior intercostal artery is a branch of which of the following arteries?
6. 68-year-old man presents to the emergency department because of chest pain. He is found to have a large anterior wall myocardial infarction. Which coronary artery is most likely closed?
7. A common location for an abdominal aortic aneurysm is inferior to the renal arteries and extending to the bifurcation of the common iliac arteries. Repair involves resecting the diseased portion of the aorta and replacing it with a synthetic graft. Based on anatomic considerations, which structure is most at risk of ischemia during repair of an aneurysm at this specific location?
8. A 75 year old man is diagnosed with severe atherosclerosis. Atherosclerotic occlusion of which of the following arteries would result in insufficient perfusion of the liver?
9. A 79 year old man is diagnosed with severe atherosclerosis. Atherosclerotic occlusion of which of the following arteries would result in insufficient perfusion of the stomach?
10. A 79 year old man is diagnosed with severe atherosclerosis. Atherosclerotic occlusion of which of the following arteries would result in insufficient perfusion of the ileum?
11. A 75 year old man is diagnosed with severe atherosclerosis. Atherosclerotic occlusion of which of the following arteries would result in insufficient perfusion of the sigmoid colon?
12. A 75 year old man is diagnosed with severe atherosclerosis. Atherosclerotic occlusion of which of the following arteries would result in insufficient perfusion of the jejunum?
13. An arteriogram is performed on a patient with atherosclerosis. Luminal narrowing of which of the following vessels would compromise blood flow through the renal arteries?
14. Right gastric artery is a branch of which of the following arteries?
15. Gastroduodenal artery is a branch of which of the following arteries?
16. Right gastroepiploic artery is a branch of which of the following arteries?
17. Superior pancreaticoduodenal artery is a branch of which of the following arteries?
18. Inferior pancreaticoduodenal artery is a branch of which of the following arteries?
19. Right gastroepiploic artery is a branch of gastroduodenal artery and anastomoses with left gastroepiploic artery. From which of the following arteries does left gastroepiploic artery arise?
20. Superior pancreaticoduodenal artery is a branch of gastroduodenal artery and anastomoses with inferior pancreaticoduodenal artery. From which of the following arteries does inferior pancreaticoduodenal artery arise?

21. Left gastric artery is a branch of celiac trunk and anastomoses with right gastric artery. From which of the following arteries does right gastric artery arise?
22. Which of the following arteries is the terminal branch of internal thoracic artery?
23. Which of the following veins empties into the splenic vein?
24. Which of the following veins empties into the inferior vena cava?
25. Which of the following veins empties into the inferior vena cava?
26. Which of the following veins empties into the left renal vein?
27. Which of the following veins empties into the left renal vein?
28. Which of the following veins empties into the portal vein?
29. Which of the following veins joins the superior mesenteric vein to form the portal vein?
30. A 54 years old man has cirrhosis, with obstruction of the portal circulation within the liver. Portal blood could still be conveyed to the caval system via which of the following?
31. A 44 years old man has cirrhosis, with obstruction of the portal circulation within the liver. Portal blood could still be conveyed to the caval system via which of the following?
32. Into which of the following veins does superior rectal vein drain?
33. Paraumbilical vein is a branch of which of the following veins?
34. Right and left gastric veins drains into
35. A 75 year old man with a 40 pack year history of smoking is diagnosed with severe atherosclerosis. Atherosclerotic occlusion of which of the following arteries would result in insufficient perfusion of the urinary bladder?
36. Into which of the following veins does inferior epigastric vein drain?
37. An arteriogram is performed on a patient with atherosclerosis. Luminal narrowing of which of the following vessels would compromise blood flow through the middle rectal artery?
38. Superior rectal artery is a branch of inferior mesenteric artery and anastomoses with middle rectal artery. From which of the following arteries does middle rectal artery arise?
39. Which of the following arteries is branch of external iliac artery?
40. Which of the following arteries is branch of femoral artery?
41. Which of the following arteries is branch of subclavian artery?
42. Umbilical artery is a branch of which of the following arteries?
43. Lateral sacral artery is a branch of which of the following arteries?
44. Median sacral artery is a branch of which of the following arteries?
45. Which of the following structures does medial umbilical fold contain?
46. Which of the following structures does lateral umbilical fold contain?
47. Which of the following artery is the continuation of external iliac artery?
48. Gluteal region is largely supplied by superior and inferior gluteal arteries through
49. Which of the following artery arises from internal iliac artery?
50. Superior vesical artery represents the persistent part of.
51. Common iliac arteries are the terminal branches of.
52. Which of the following statements about the inferior epigastric artery is correct?
53. Left and Right common iliac veins drains into
54. External iliac vein joins internal iliac vein and then drains into
55. Which artery supplies the muscles in the lateral side of the thigh?
56. Which artery supplies the neck and head of the femur bone?
57. Which of the following joint is supplied by popliteal artery?
58. Which of the following arises from posterior tibial artery and supplies the lateral component of the leg?
59. Anterior tibial artery passes anteriorly between the tibia and femur through a gap
60. Anterior tibial artery anteriorly continuous as
61. Branches regarding to femoral artery?
62. Popliteal artery is the continuation of

63. Which of the following artery is used for auscultation while measuring blood pressure in lower limb?
64. Which branch of femoral artery supplies the lower part of anterior abdominal wall?
65. Lower border of popliteal artery terminates into
66. Which of the following artery passes over the dorsal aspect of tarsal bone?
67. Posterior tibial artery splits into lateral and medial artery and supplies the toes through
68. External iliac artery continues as?
69. The popliteal vein becomes femoral vein after passing the
70. Femoral vein becomes external iliac vein after passing
71. Which of the following veins empties into the femoral vein?
72. Which of the following veins empties into the popliteal vein?
73. Into which of the following veins does greater saphenous vein drain?
74. Into which of the following veins does small saphenous vein drain?
75. Which of the following veins is superficial vein of the lower limb?
76. Which of the following veins is superficial vein of the lower limb?
77. Which of the following arteries is branch of posterior tibial artery?
78. Which of the following arteries is branch of a. dorsalis pedis?
79. Which of the following arteries is branch of anterior tibial artery?
80. Which of the following arteries is branch of posterior tibial artery?
81. Which of the following arteries is branch of popliteal artery?
82. Which of the following arteries is branch of popliteal artery?
83. Superficial epigastric artery is a branch of which of the following arteries?
84. Inferior epigastric artery is a branch of which of the following arteries?
85. Superior epigastric artery is a branch of which of the following arteries?
86. Deep circumflex iliac artery is a branch of which of the following arteries?
87. Superficial circumflex iliac artery is a branch of which of the following arteries?
88. External pudendal artery is a branch of which of the following arteries?
89. Internal pudendal artery is a branch of which of the following arteries?
90. Which is the largest branch of lumbar plexus?
91. Which one of the following lumbar spinal nerve contributes to sacral plexus ?
92. Which of the following thoracic nerve contributes to lumbar plexus?
93. Which of the following cranial nerves mediates the sense over the lateral thigh?
94. Which of the following cranial nerves mediates the sense over the medial thigh?
95. Which of the following cranial nerves mediates the sense over the posterior thigh?
96. Which of the following cranial nerves mediates the sense over the anterior thigh and median side of the foot?
97. Which of the following cranial nerves innervates medial thigh muscles?
98. Which of the following cranial nerves innervates posterior thigh muscles?
99. Which of the following cranial nerves innervates anterior thigh muscles?
100. Which of the following cranial nerves innervates cremaster muscle?
101. Intramuscular injection should be given in the upper, outer quadrant of the buttocks to prevent damage to which of the following nerves?
102. A patient presents to the physician complaining of “something wrong with her foot” that cause her to trip and fall. Physical examination reveals an inability to dorsiflex (extend) the foot and a loss of sensation between the first and second toes. There is no other motor or sensory loss. Which of the following nerves was most likely injured?
103. Following thyroidectomy, hoarseness of voice may occur. This condition is caused by damage of which of the following structure?