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MATRIC NUMBER:18/MHS05/005

DEPARTMENT:PHYSIOLOGY

COURSE:ANA202

1.Reason for the higher supply of blood from the portal vein than hepatic artery 70.30%

Answer:

Thinner wall than the artery as a result of less smooth muscle and connected tissue which makes it have less pressure than arteries.

The vein has a larger lumen/diameter.

Content:

Hepatic portal vein supplies both nutrient from got and spleen and oxygen rich blood to the liver while hepatic artery only supplies oxygen rich blood(50%).

2. Discuss five diseases of the liver

Answer:

1. Hepatitis:

Hepatitis is a viral infection of your liver. it causes inflammation and liver damage, making it difficult for your liver to function as it should.

There are five types of hepatitis

-Hepatitis A

-Hepatitis B

-Hepatitis C

-Hepatitis D

-Hepatitis E

2.Fatty liver diseases:

Fat buildup in the liver can lead to fatty liver disease.

There are two type of fatty liver disease;

-Alcoholic fatty liver disease which is caused by heavy alcohol consumption

-Non alcoholic fatty liver disease, which is cause by other factors expert are still trying to understand

Left unmanaged, both types of fatty liver disease can cause liver damage, leading to cirrhosis and liver failure. Diet and other lifestyle changes can offer improve symptoms and reduce your risk of complications.

3. Automimmue conditions: Involve your immune system mistakenly attacking healthy cells in your body.