

## **Module 4: Pharmacology – Hepatic, Renal, Digestive, and Reproductive Systems**

**Question 1:** GG is a 32-year-old alcoholic with liver disease. He is experiencing nausea, vomiting, jaundice and upper left quadrant pain. Which of GG's symptoms is not consistent with his diagnosis?

- A. Nausea
- B. Vomiting
- C. Jaundice
- D. Upper left quadrant pain

**Question 2:** True or False? Nadolol is commonly used for portal hypertension and should be titrated to a heart rate of 45-55 beats per minute.

- A. True
- B. False

**Question 3:** BM is a 36-year-old male with a history of liver disease. He presents to the hospital with hepatic encephalopathy. What is the first line treatment for BM?

- A. Lactulose
- B. Rifaximin
- C. Zinc
- D. Metronidazole

**Question 4:** Which is a common cause of acute kidney injury (AKI)?

- A. Furosemide
- B. Acetaminophen
- C. Ibuprofen
- D. Amlodipine

**Question 5:** HF is a 31-year-old female with a history of chronic kidney disease (CDK). She is receiving dialysis today at the clinic. Which of the following is not commonly associated with CDK?

- A. Liver failure
- B. Anemia
- C. Hyperkalemia
- D. Metabolic acidosis

**Question 6: Which of the following is not an alarm symptom of GERD?**

- A. Painful swallowing
- B. Bleeding
- C. Weight loss
- D. Acid taste in mouth

**Question 7: True or False? Proton pump inhibitors, like omeprazole, should be used for quick relief of heartburn.**

- A. True
- B. False

**Question 8: SP is an 18-year-old female with questions about sex. She has recently become sexually active and came to the pharmacy wanting to know a safe and effective way to avoid pregnancy and sexually transmitted diseases. Which of the following is a safe and effective means of contraception while protecting SP from sexually transmitted diseases?**

- A. Male condoms
- B. Progestin tablets
- C. Levonorgestrel
- D. Pull-out-method

**Question 9: During menopause which hormone is responsible for mood changes and vaginal dryness?**

- A. Luteinizing hormone
- B. Estrogen
- C. Testosterone
- D. Progesterone

**Question 10: True or False? Women and children do not need to worry about coming in contact with replacement testosterone as it is safe.**

- A. True
- B. False