



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKWE EXPRESS WAY, JABI, ABUJA,
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF NURSING SCIENCES
2025_2 EXAMINATIONS

PROGRAMME: BACHELOR OF NURSING SCIENCE
COURSE CODE: NSC306
COURSE TITLE: MEDICAL-SURGICAL NURSING II
COURSE CREDIT UNITS: 3 UNITS
TIME ALLOWED: 2 HOURS
TOTAL SCORE: 70 MARKS
INSTRUCTION: ANSWER ALL THE QUESTIONS

- 1a. Describe Liver Biopsy (2 marks)
- 1b. Outline the nursing responsibilities before, during and after the procedure. (18 marks)
2. Mrs Miemie is a 56 years old business woman, a known alcoholic for several years and reported to the hospital with abdominal pain and ascites. After assessment and investigation, a diagnosis of liver cirrhosis was made.
 - a. Define liver cirrhosis (1 mark)
 - b. Explain the three types of cirrhosis of the liver (3 marks)
 - c. Explain the pathophysiology of liver cirrhosis (4 marks)
 - d. Mention six (6) investigate findings that Mrs Miemie can undergoes (3 marks)
 - e. Describe the medical and nursing management of Mrs Miemie from admission to discharge (9 marks)
3. Write short notes on the following
 - a. Echocardiography
 - b. Cardiac catheterization
 - c. Cardiac Angiography
 - d. Electrocardiography (5 marks each)
4. Mr Audubu reported to the hospital outpatient department with a complain of redness, swelling, pain and loss of function of the hand. A diagnosis of inflammation was made
 - a. State four benefit of inflammation (2 marks)
 - b. Explain the categories of inflammation (2 marks)
 - c. Explain the pathophysiology inflammation (6 marks)