



All India Institute of Medical Sciences, Kalyani
B.Sc. (Hons) Nursing Second Year Examination, January 2024
Time: 3 Hrs. Medical Surgical Nursing Marks: 75

INSTRUCTIONS:

- Draw diagram wherever necessary

SECTION-A

Answer any **THREE** of the following:

[3×10=30]

1. Mr. Raju admitted with a diagnosis of cirrhosis of liver. (1+3+6)
 - a. Define cirrhosis of liver.
 - b. Explain the etiology and pathophysiology of cirrhosis of liver.
 - c. Discusses medical management and prepare a nursing care plan for Mr. Raju.
2. Mr. X, 40 years old, met road traffic accident (RTA) and diagnosed as Right Leg Tibia and Fibula Fracture, underwent internal fixation surgery. (1+2+2+5)
 - a. List out the types of Fracture.
 - b. Explain the Emergency Management for fracture.
 - c. Mention the types of Traction.
 - d. Apply the nursing process and write the post-operative management for Mr. X
3. A 55-year-old male patient is admitted to the pulmonary ward with Asthma. (1+2+3+4)
 - a. Define Bronchial Asthma.
 - b. State its clinical Manifestations.
 - c. Explain the medical management for patient with Bronchial asthma.
 - d. Prepare a nursing care plan for patient with Bronchial asthma
4. Mr. X 50-year-old male is admitted with the diagnosis of angina pectoris (1+4+5)
 - a. Define angina pectoris.
 - b. List the clinical manifestations and diagnostic evaluation of angina pectoris.
 - c. Explain in detail about the management including nursing management for angina pectoris.

SECTION-B

Answer any **FIVE** of the following:

[5×5=25]

5. Peptic Ulcer.
 6. Role and responsibilities of a medical surgical nurse.
 7. Endocarditis.
 8. Iron deficiency anemia.
 9. Cardiopulmonary Resuscitation.
 10. Dialysis.
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Enrollment No. _____

Invigilator sign: _____

SECTION C (Medical Surgical Nursing)

INSTRUCTIONS:

- Section C should be answered in first 20 minutes of the Exam duration and handed over to the invigilators.
- Put one tick (✓) mark to only one answer that you consider correct for each question.
- Mark your tick (✓) in pen.

Multiple Choice Questions (MCQs):

[20X1=20]

1. Which of the following is the primary purpose of maintaining NPO status of a patient for 6 to 8 hours before surgery?
 - a. To prevent malnutrition
 - b. To prevent electrolyte imbalance
 - c. To prevent aspiration pneumonia
 - d. To prevent intestinal obstruction
2. A patient is diagnosed with peptic ulcer and is admitted in the gastroenterology area started vomiting suddenly and the vomit was dark coffee ground in colour. On assessment, epigastric mass was felt and patient had bloating. This occurs as a result of
 - a. Pyloric obstruction
 - b. Upper GI bleeding
 - c. Peritonitis
 - d. Gastritis
3. When administering CPR, what is breaths and compressions ratio for an adult client?
 - a. 2 breath every 30 compressions
 - b. 1 breath every 30 compressions
 - c. 1 breath every 15 compressions
 - d. 2 breath every 15 compressions
4. A 50 years old patient is planned for bone marrow biopsy. Which of the following is the preferable site for bone marrow biopsy?
 - a. Posterior iliac crest
 - b. 8th -9th intercostal space
 - c. 4th -5th intercostal space
 - d. Clavicle bone
5. At which part of the surgical safety checklist, does the team discuss their concerns regarding patient and any potential critical events?
 - a. Sign in
 - b. Sign out
 - c. Time in
 - d. Time out
6. During the first 24 hours after an above-the-knee amputation for vascular disease in a patient, nursing priority for stump care would be:
 - a. Cleansing with soap and water.
 - b. Elevating to reduce edema.
 - c. Inspecting for redness and pressure points.
 - d. Initiating fitting for prosthesis
7. A role of nurse to prevent Deep Vein Thrombosis in an unconscious patient is
 - a. Back care
 - b. Mouth care
 - c. Apply elastic stocking
 - d. Elevate the leg
8. The nurse is caring for a female patient with a known latex allergy. The nurse would monitor the patient closely for a cross sensitivity to which of the following food patient is having in her breakfast?
 - a. Oranges
 - b. Bananas
 - c. Tomatoes
 - d. Milk
9. After an anterior wall myocardial infarction, which of the following problems is indicated by auscultation of crackles in the lungs?
 - a. Left-sided heart failure
 - b. Pulmonic valve malfunction
 - c. Right-sided heart failure
 - d. Tricuspid valve malfunction

10. Which of the following conditions is most closely associated with weight gain, nausea, and Juglar vein distension?
- Angina pectoris
 - Cardiomyopathy
 - Left-sided heart failure
 - Right-sided heart failure
11. On physical assessment of a patient with diagnosis of pericarditis, nurse may hear what type of heart sound?
- S3 or S4
 - Mitral murmur
 - Pericardial friction rub
 - Pleural friction rub
12. A patient with thrombocytopenia is being discharged from hospital. What information does the nurse include into the teaching plan for this patient?
- "Avoid large crowds."
 - "Drink at least 2 litres of fluid per day."
 - "Elevate his lower extremities when sitting."
 - "Use a soft-bristle toothbrush."
13. Which of the following purpuric lesions, is a tiny punctuate haemorrhage, that is typically 1 to 3 mm, round/discrete, and caused by bleeding from superficial arteries?
- Petechiae
 - Impetigo
 - Purpura
 - Venous Lake
14. A client sustained multiple fractures in a motor vehicle accident. The nurse determines that the client is at a high risk for osteomyelitis due to which type of fracture?
- Avulsion
 - Open
 - Comminuted
 - Depression
15. A condition which occurs when the penile foreskin (prepuce) is constricted at the opening, making retraction difficult or impossible is:
- Phimosis
 - Paraphimosis
 - Prosthetic
 - Balanitis
16. A patient undergoing haemodialysis becomes restless and complain about headache and nausea. Which complication do you suspect?
- Air embolus
 - Infection
 - Disequilibrium syndrome
 - Acute haemolysis
17. What instructions about the use of drug Nitroglycerin should the nurse provide to a patient with diagnose of angina?
- "Identify when pain occurs, and place 2 tablets under the tongue"
 - "Place 1 tablet under the tongue, and swallow another when pain is intense"
 - "Place 1 tablet under the tongue, and repeat the dose in 5 minutes if pain occurs"
 - "Place 1 tablet under the tongue when pain occurs, and use an additional tablet after the attack to prevent recurrence"
18. A Nurse is performing respiratory assessment of a patient. Which among the following breath sounds found by her during auscultation are abnormal and needs to be reported?
- Tracheal
 - Crackles
 - Bronchovesicular
 - Vesicular
19. Which of the following is most important document, a nurse must check before shifting patient to operation room?
- Admission sheet
 - Informed consent
 - Investigation report
 - Vital sign sheet
20. A head nurse of operation theatre explaining to the newly joined nurse about scrubbing technique. Which of the following statement is correct?
- Scrub from elbow to hand
 - Hold the hands higher than the elbows
 - Scrub for a minimum of 5 minutes
 - Scrub without mechanical friction