



11. Which one of the following condition is induced by ingestion of protein gluten content food?  
A) Irritable bowel syndrome                      B) Constipation  
C) Celiac disease                                      D) Thalassemia
12. Which of the following diagnostic test helps to evaluate the airflow obstruction?  
A) Nebulizer    B) Spirometry    C) X-Ray chest    D) Complete haemogram

**II. Essay:**

**(2 x 15 = 30)**

1. Mr.Y, 49 years old male is admitted in cardiac ICU with diagnosis of Acute coronary syndrome.  
A) Define the term Myocardial Infarction and its risk factors.  
B) Explain about pathophysiology of myocardial infarction and its diagnostic measures.  
C) Discuss about the management of patient with Myocardial infarction including nursing care using nursing process.  
D) List out the complications of myocardial infarction.
2. Mrs. X, 28 years old female, who is sustained injury in her leg, admitted in ortho ward with diagnosis of fracture femur.  
A) Define the term fracture and its types.  
B) List out clinical features of fractures and investigation methods  
C) Explain the management of patient with fractures including nursing care.  
D) Write the complications of fractures.

**III. Short notes:**

**(5 x 5 = 25)**

1. Management of patient with hypovolemic shock.
2. Pleural effusion.
3. Inguinal Hernia.
4. Pheochromocytoma.
5. Psoriasis.

**IV. Very short answers:**

**(4 x 2 = 8)**

1. Write the four stages of General anesthesia.
2. List the four types of pain.
3. Mention four types of insulin.
4. List four classifications of Anemia.

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**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[BSCN 1024]**

**OCTOBER 2024**

**Sub. Code: 2309**

**B.Sc. (Nursing) DEGREE EXAMINATION**

**THIRD SEMESTER**

**PAPER VII – ADULT HEALTH NURSING - I**

**WITH INTEGRATED PATHOPHYSIOLOGY INCLUDING BCLS MODULE**

*Q.P. Code: 652309*

**Time : Three Hours**

**Answer all the Questions**

**Maximum : 75 Marks**

**I. Multiple Choice Questions:**

**(12 x 1 = 12)**

1. Barrel shaped chest wall is the characteristics of  
A) Pneumonia                      B) COPD                      C) Pericarditis                      D) Chest injury
2. The skin lesions appear as red, raised dry patches covered with silvery scales-  
classically found in  
A) Irritant contact dermatitis      B) Psoriasis      C) Pemphigus vulgaris      D) Scabies
3. Which of the following is the choice of procedure to be performed for a patient  
with acute compartment syndrome?  
A) Application of POP                      B) Closed reduction with internal fixation  
C) Fasciotomy                      D) Arthroscopy
4. Which of the following specific diagnostic test helps to screen patient for osteoporosis?  
A) X – Ray                      B) Dual-energy X-ray absorptiometry  
C) Ultra sonogram                      D) Complete Haemogram
5. Vanillylmandelic acid (VMA) test is used to diagnose  
A) Hypothyroidism                      B) Hypocalcemia  
C) Cushing syndrome                      D) Pheochromocytoma
6. The prepared choice of surgical treatment for patient with Achalasia Cardia is  
A) Heller’s myotomy                      B) Fundoplication  
C) Gastrectomy                      D) Billroth–I procedure
7. A surgery which is performed to reduce the severity of the condition is called  
A) Palliative surgery                      B) Reconstructive surgery  
C) Aesthetic surgery                      D) Diagnostic surgery
8. Rovsing’s sign is positive in which of the following condition?  
A) Carditis      B) Pancreatitis                      C) Appendicitis                      D) Crohn’s disease
9. Which one of the following is an inherited disease?  
A) Iron deficiency anemia                      B) Megaloblastic anemia  
C) Sickle cell anemia                      D) Diverticulosis

10. Which of the following bacteria is responsible for gas gangrene?  
A) Mycobacterium leprae                      B) Clostridium perfringens  
C) Clostridium tetani                            D) Clostridium difficile
11. Hirsutism is clinical symptom mostly present in which of the following condition?  
A) Diabetic Insipitus                            B) Cushing syndrome  
C) Addison disease                                D) Pheochromocytoma
12. Which of following specimen helps in diagnosis of COVID 19 infection?  
A) Blood                      B) Nasal swab                      C) Biopsy                      D) Sputum

**II. Essay:** **(2 x 15 = 30)**

1. Mr. X, 65 years old male patient is admitted in isolation ward with diagnosis of Pulmonary Tuberculosis.
  - a) Mention the causative organism of Tuberculosis and its mode of transmission.
  - b) List out the clinical features of the patient with tuberculosis and its diagnostic measures.
  - c) Explain about the management including the nursing care for patient with pulmonary tuberculosis.
  - d) Describe the health education for control and prevention of tuberculosis.
  
2. A patient, 49 years old female is admitted in surgical ward with diagnosis of cholelithiasis.
  - a) Define the term cholelithiasis and its risk factors.
  - b) Explain about pathophysiology, clinical features of cholelithiasis and its diagnostic measures.
  - c) Discuss in detail about management including nursing care using nursing process for patient with cholelithiasis.

**III. Short notes:** **(5 x 5 = 25)**

1. Bronchoscopy.
2. Cushing syndrome.
3. Psoriasis.
4. Colostomy care.
5. Cardiomyopathy.

**IV. Very Short answers:** **(4 x 2 = 8)**

1. Define the term amputation and list four indications of Amputation.
2. Define the Aneurysm and mention the types.
3. Define Pemphigus vulgaris and its clinical signs and symptoms.
4. Define Shock and name any four types of Shock.

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**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[BSCN 0525]**

**MAY 2025  
(APRIL 2025 EXAM SESSION)**

**Sub. Code: 2309**

**B.Sc. (Nursing) DEGREE EXAMINATION**

**THIRD SEMESTER  
ADULT HEALTH NURSING I WITH INTEGRATED PATHOPHYSIOLOGY  
INCLUDING BCLS MODULE  
Q.P. Code: 652309**

**Time : Three Hours**

**Answer all the Questions**

**Maximum : 75 Marks**

**I. Multiple Choice Questions:**

**(12 x 1 = 12)**

1. Which of the following is a characteristic features of asthma?  
A) Irreversible airway obstruction      B) Reversible airway obstruction  
C) Chronic cough      D) Weight loss
2. A client who receives general anaesthesia returns from surgery. Postoperatively, which nursing diagnosis takes highest priority for this client?  
A) Pain related to the surgery  
B) Fluid volume deficit related to fluid and blood loss from surgery  
C) Impaired physical mobility related to surgery  
D) Risk of aspiration related to anaesthesia
3. Normally cardiac cycle takes..... seconds to complete  
A) 0.1      B) 0.01      C) 0.8      D) 0.08
4. Swelling or bulge in the wall of blood vessel is termed as  
A) Corpulmonale      B) Tamponade  
C) Raynaud's disease      D) Aneurysm
5. A solution having the same tonicity as that of body fluid or plasma is considered as  
A) Hypertonic      B) Hypotonic      C) Isotonic      D) Supersaturated
6. What is characteristic symptom of hypoglycemia that should alert nurse to an early insulin reaction?  
A) Diaphoresis      B) Drowsiness      C) Severe thirst      D) Coma
7. What is the primary goal of treatment for patients with sickle cell disease?  
A) Reduce frequency of painful crisis      B) Improve the haematocrit levels  
C) Prevent infections      D) All the above
8. Which of the following is a complication of mechanical ventilation?  
A) Barotrauma      B) Pneumonia      C) Respiratory failure      D) Cardiac arrest

9. The nurse should explain to the client with psoriasis that treatment usually involves:  
A) Avoiding exposure to the sun    B) Topical application of steroids  
C) Potassium permanganate baths    D) Debridement of necrotic plaques
10. In order for Buck's traction applied to the right leg to be effective, the client should be placed in which position?  
A) Supine                      B) Prone                      C) Sim's                      D) Lithotomy
11. What stage of wound healing is characterized by tissue repair?  
A) Inflammatory phase                      B) Proliferative phase  
C) Remodeling phase                      D) Debridement phase
12. The nurse is caring for a client with Gout. Which of the following laboratory values does the nurse expect to note in the client?  
A) Uric acid level of 8 mg/dl                      B) Phosphorus level of 3 mg/dl  
C) Calcium level of 9 mg/dl                      D) Uric acid level of 5 mg/dl

**II. Essay:**

**(2 x 15 = 30)**

1. Mr. Ramu, a 55-year-old male is admitted in the surgical emergency ward and diagnosed as Intestinal obstruction.  
a) Define Intestinal obstruction and write the causes for Intestinal obstruction.  
b) Enumerate the Pathophysiology and complications of Intestinal obstruction.  
c) Write the post-operative management of this patient by applying the nursing process.
2. Mr. Prabu, 54 years old male was admitted with diagnosis of Diabetes mellitus.  
a) Define Diabetes mellitus.  
b) Discuss the pathophysiology & clinical manifestations of Diabetes mellitus.  
c) Describe the methods of management of Diabetes mellitus.

**III. Short notes:**

**(5 x 5 = 25)**

1. Nursing intervention to prevent post-operative complications.
2. Management of patient with Status asthmaticus.
3. Cardio Pulmonary Cerebral Resuscitation.
4. Anaemia.
5. Infection control measures for prevention of COVID -19.

**IV. Very Short answers:**

**(4 x 2 = 8)**

1. Mention the stages of Wound healing.
2. Write four non pharmacological measures for pain.
3. Write four signs and symptoms of hypoglycemia.
4. What is Eczema?

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