

**May-24-05-7015**  
**B.SC Nursing Sem.-IV Examination**  
**May -2024**  
**Pharmacology & Pathology (I&II) And Genetics**

**Time : 3 Hours**

**Total Marks : 75**

**Instructions:**

1. The number to the right indicates full marks.
2. Draw diagram wherever necessary.
3. Answer each section in the respective answer sheet only.
4. Answer written in the inappropriate sectional answer book will not be assessed in any case.

**Section : I (38 Marks)**

- 07
- Que. 1 Multiple choice question. (7 x 1 = 7)
1. Lithium is absolutely contraindicated in  
A. Lactation B. Jaundice  
C. Hypertension D. Diabetes insipidus
  2. The drug which reduces the viscosity thereby facilitates the removal of mucus from the respiratory tract is  
A. Mucokinetics C. mucolytics  
B. antitussives D. antihistamines
  3. The drug commonly associated with serum sickness is  
A. paracetamol B. Penicillin  
C. Digoxin D. Isonex
  4. Indicate the drug belonging to proton pump inhibitor  
A. pizepine B. rantidine  
C. omeprazole D. trimethapha
  5. Fanconi's syndrome is caused by  
A. cephalosporins B. chloramphenicol  
C. Deceased pseudo chlonesterse D. old & degraded tetracyclines
  6. Which of the following group of vitamins is fat soluble?  
A. A,B,D,H B. A,C,E,K  
C. A,D,E,K D. B,E,K,H
  7. First Pass effect is seen with which route of administration?  
A. oral route B. sublingual  
C. intramuscular D. intravenous
- 10
- Que. 2 Essay
1. Enumerate the various routes of administration of drugs. Describe the advantages and disadvantages of parental route.
- 15
- Que. 3 Short Essay
1. Classification of antiemetic drug
  2. Antiseptics and disinfectants
  3. Factors affecting the dose of drug
- 06
- Que. 4 Very Short Answer (Any Three)
1. Emergency drugs
  2. Uses of anti angina drugs
  3. Antibiotics

**Section : B and C (25 + 12 Marks)**

Note: Answer Section B & C in the one answer sheet only.

- Que. 5 Multiple choice question. (MCQ) (4 x 1 = 6) 04
- The most important cause of delay of healing is.  
A. inadequate blood supply      B. infection  
C. foreign body presence      D. poor nutritional
  - The malignant tumor derived from connective tissue is called  
A. carcinoma      B. sarcoma  
C. lymphoma      D. blastoma
  - Codman's Tringle is seen in  
A. osteosarcoms      B. osteomas  
C. Ewing's sarcoma      D. osteochondroma
  - The commonest type of cirrhosis is  
A. post necrotic      B. alcoholic  
C. biliary      D. Wilson's disease
- Que. 6 Short Essay. (Answer Any Three) (3 x 5 = 15) 15
1. Inflammation
  2. Renal calculi
  3. Methods of collection and examination of CSF
  4. Blood group
  5. Carcinoma cervix
- Que. 7 Very Short Answer. (Answer Any Three) (3 x 2 = 6) 06
1. COPD
  2. APTT
  3. Types of wound healing
  4. Difference between malignant and benign tumors
- Que. 8 Multiple choice questions. (Section : C) (3 x 1 = 3) 03
- Sickle cell is caused by mutation of  
A. alpha chain of Hb      B. Beta chain of Hb  
C. Gama chain of Hb      D. others
  - Father of genetics.  
A. William Bateson      B. H. Smith  
C. Marshall Nirenberg      D. Gregory Mendel
  - Which chromosome defect can cause Down's syndrome?  
A. 22      B. 21  
C. 18      D. 16
- Que. 9 Short Essay. (Answer Any One). (1 x 5 = 05) 05
1. Gene therapy
  2. Screening for congenital abnormalities
- Que. 10 Very Short Answer. (Answer Any Two) (2 x 2 = 4) 04
1. Role of nurse in genetics
  2. Difference between mitosis and meiosis
  3. Huntington's disease