

**S.Y. B.SC. (NURSING) (2007 COURSE) : SUMMER - 2019**  
**SUBJECT : PHARMACOLOGY, PATHOLOGY & GENETICS**

Day : Monday  
Date : 22/04/2019

**S-2019-4329**

Time : 10.00 A.M. TO 01.00 P.M.  
Max. Marks : 75

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.

**SECTION – I**

- Q.1** Write short notes on **ANY FIVE** of the following: (2x5) **(10)**
- a) List four names of antiseptics used in hospital.
  - b) Drugs used in treatment of Leprosy
  - c) Indications of Adrenaline
  - d) Drug antagonism
  - e) Principles of Homeopathy
  - f) Define pharmacopecnia
  - g) Adverse effects of Lasix
- Q.2** Short Answer Questions on **ANY FOUR** of the following: (4x4) **(16)**
- a) Define tocolytic agent and explain one in detail.
  - b) Drug used in Type II diabetes mellitus.
  - c) Classify antiemetic and describe treatment of motion sickness.
  - d) Drugs used in Deaddiction.
  - e) What is Bioavailability? Discuss factors modifying bioavailability after oral administration of drugs.
  - f) Nursing responsibility in administration of Antiplatelet agents.
- Q.3** Long Answer Questions on **ANY ONE** of the following: (1x12 = 12) **(12)**
- a) List anti-tubercular drugs. Describe in detail about first line drugs. **(06)**
  - b) Uses and adverse effects of Rifampicin. **(06)**
- OR**
- a) Classify analgesics. Mention uses and contraindications of Morphine. **(06)**
  - b) Nursing responsibility in administration of analgesics. **(06)**

**SECTION – II**

- Q.4** Write short notes on **ANY FIVE** of the following: (2x5) **(10)**
- a) Clotting time
  - b) Define leukoplakia
  - c) Define mitosis
  - d) List down screening test for congenital abnormality
  - e) Enlist etiology of Abortion
  - f) Causes of Hydatiform mole
  - g) Differentiate dry and wet gangrene

P.T.O.

- Q.5** Short Answer Questions on **ANY FOUR** of the following: (4x4) **(16)**
- a) Bone marrow aspiration
  - b) Jones criteria of rheumatic fever
  - c) Effect of radiation on development of fetus
  - d) Blood group alleles
  - e) Role of nurse in genetic counselling
  - f) Urine examination

- Q.6** Long Answer Questions on **ANY ONE** of the following: (1x11=11)
- a) Define inflammation **(02)**
  - b) Difference between transudate and exudate **(03)**
  - c) Describe vascular and cellular changes occurring in inflammation **(06)**

**OR**

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- a) Define bronchial asthma. **(02)**
  - b) List down diagnostic test for bronchial asthma. **(03)**
  - c) Describe etio-pathogenesis of bronchial asthma. **(06)**

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