

August 2009

[KV 1019]

Sub. Code: 4718

B.Sc (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2006-07 onwards)
Second Year
Paper III – PHARMACOLOGY, PATHOLOGY, GENETICS
Q.P. Code : 664718

Time : Three hours

Maximum : 75 marks

Answer ALL questions.
Answer Section A and Section B SEPARATELY.
SECTION – A
(PHARMACOLOGY)

I. Essays: (1 x 15 = 15)

1. a) What are the factors affecting drug absorption? (5)
- b) First pass metabolism. (5)
- c) Describe the role of nurses in drug administration. (5)

II. Write Short Notes on : (3 x 5 = 15)

1. Dignoxin.
2. Ketamine.
3. Pyrazinamide.

III. Short Answer Questions: (4 x 2 = 8)

1. Two uses of aspirin.
2. Mention two oral hypoglycemic drugs.
3. Name two antifibrinolytic drugs.
4. Name two adverse affects of aminoglycoside antibiotics.

SECTION – B
(PATHOLOGY AND GENETICS)
PATHOLOGY

I. Essay: (1 x 15 = 15)

1. Define Jaundice. Mention some of the causes and laboratory findings seen in a jaundiced patient. Write briefly about hepatitis. B virus induced liver disease.

II. Write Short Notes on : (2 x 5 = 10)

1. Infective Endocarditis.
2. Fate of thrombus

GENETICS

I. Write Short Notes on : (2 x 5 = 10)

1. Erythroblastosis foetalis. (Hemolytic disease of the newborn).
2. Define mutation. Mention some of the causes of mutation.

II. Short Answer Questions: (1 x 2 = 2)

1. Name two screening tests for detecting congenital abnormalities.
