



B-4233

Second Year B. Sc. (Nursing) Examination

May/June - 2017

Pharmacology, Pathology & Genetics

Time : 3 Hours]

[Total Marks : 75

Instructions : (1)

नीचे दशांशक निशानीवाणी विगतो उत्तरवही पर अवश्य दायवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
Second Year B. Sc. (Nursing)

Name of the Subject :
Pharmacology, Pathology & Genetics

Subject Code No. : 4 2 3 3 Section No. (1, 2,.....) : 1&2

Seat No. :

Student's Signature

- (2) Attempt all questions.
- (3) Write each section in separate answer books.
- (4) Draw diagrams/Figures whenever necessary.

SECTION - I

- 1 Short answer questions : (any eight) 8×1=8
- (a) Define Bioavailability.
 - (b) What is Streptomycin ?
 - (c) Define Sera.
 - (d) Name two oral anti-diabetic Agent.
 - (e) List any four indication of Amlodipine.
 - (f) Mention any four adverse effect of Digoxin.
 - (g) Define Antidotes.
 - (h) Name two anti diarrhoeal drug.
 - (i) Mention the drug used in the management of arrhythmia.
 - (j) List down the two indication of low molecular weight heparin (LMWH).

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[Contd...

2 Short essay : (any four)

4×5=20

- (a) NSAIDS.
- (b) Therapeutic uses of Bronchodilators.
- (c) Routes of drug administration.
- (d) Albendazole.
- (e) Therapeutic uses and adverse effect of Atropine.

3 Long essay : (any one)

1×10=10

- (a) Classify Insulin, mention the mechanism of action, therapeutic uses and adverse effect and Nursing consideration of Lupinsiline R.
- (b) Classify cephalosporins, mention the mechanism of action, antibacterial spectrum, therapeutic uses and adverse effect of cefotaxime.

SECTION - II (Pathology & Genetics)

(Pathology)

4 Short answer questions : (any five)

5×1=5

- (a) Define Pathology.
- (b) Mention Normal RBC Count.
- (c) Write down the meaning of transudate and exudate.
- (d) Mention two difference between benign and malignant tumors.
- (e) List down five sign of Inflammation.
- (f) Mention two factor affect wound healing.
- (g) Types of biopsies.

- 5 Short essay : (any two) 2×5=10
- (a) Semen analysis
 - (b) Hepatitis
 - (c) Arthritis
 - (d) Write down difference between mitosis and meiosis.

- 6 Long essay : (any one) 1×10=10
- (a) Discuss normal cell cycle and write brief about bone healing and its complication.
 - (b) Define Tuberculosis, mention the differences between primary and secondary tuberculosis, and write briefly about microscopic features of tuberculosis.

(Genetics)

- 7 Short essay : (any two) 2×5=10
- (a) Genetic counselling.
 - (b) Prenatal genetic testing.
 - (c) Role of nurse in genetics.
 - (d) X-Linked chromosomal Disorder.
- 8 Short answer questions : (any two) 2×1=2
- (a) Define Eugenics.
 - (b) Define down syndrome.
 - (c) List down four genetic congenital abnormality in newborn.
 - (d) Define Mutation.