



RAN-4056

Second Year B.Sc. (Nursing) Examination

March / April - 2019

Pharmacology, Pathology & Genetics

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up 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 0 5 6

Seat No.:

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Student's Signature

SECTION - I (Pharmacology)

1 Short answer - Write any eight from the following : 1×8=8

1. Name of first line Anituberculosis drugs
2. List any two indication of Gentian Violate
3. Two examples of plasma expanders
4. Antidotes for OPP
5. Immunosuppressants
6. Demulcents
7. Two examples of Uterine stimulants
8. Hypoglycemic agents
9. Who is the originator of Homeopathy

2 Short Essay - Answer any four from the following : 4×5=20

1. Enumerate routes of drug administration & Describe advantages and disadvantages of IV route
2. Proton Pump Inhibitor
3. Anti Asthmatics
4. Drug used in angina pectoris
5. Describe Inj. Noradrenaline

3 Long essay - answer any one from the following : 1×10=10

1. a) Define Antibiotics (2)
b) Classification of Anti malarial drugs (3)
c) Describe action, Adverse effects and Nursing responsibility of Drug Chloroquine (5)
2. a) Define Diuretics (2)
b) Classification of Diuretics with example (3)
c) Action, Indication, Adverse effects and Nursing responsibility of Drug Furosemide (5)

Section - II (Pathology & Genetics)

1 Short answer - Write any five from the following : 1×5=5

1. Define Pathology
2. Immunofluorescence
3. Atrophy
4. Normal pH of CSF
5. Mitosis
6. Metabolic acidosis

2 Short Essay - Answer any two from the following : 2×5=10

1. Inflammation
2. Pathogenesis of Peptic ulcer
3. Blood Grouping

- 3 Long essay - answer any one from the following: 1×10=10**
1. Define Pneumonia. Discuss in detail about Classification and Pathological changes of Pneumonia
 2. Define neoplasm. Discuss in detail about the difference between benign and malignant neoplasm

GENETICS

- 4 Short answer - Write any two from the following: 1×2=2**
1. Cytogenetics
 2. Genetic counseling
 3. Karyotyping
- 5 Short Essay - Answer any two from the following : 2×5=10**
1. Fetal Blood Sampling
 2. Dawn Syndrome
 3. Mendelian's inheritance theory