



MV-020103

Seat No. _____

Second Year Basic B. Sc. (Nursing) Examination

January – 2018

Pharmacology, Pathology & Genetics

Time : Hours]

[Total Marks : 75

Instructions :

- (1) No. to the right side indicates marks.
- (2) Write answers to the point.
- (3) Attempt part of a question at one place.
- (4) Draw diagram wherever it's necessary.

SECTION – I (Pharmacology)

38 Marks

I Long Essay : (Any 1 out of 2) 1×15=15

1. a. Define Hypertension ? **2**
- b. Classify & describe pharmacology of antihypertensive drugs ? **8**
- c. Discuss nurses responsibilities while administering vasodilator drugs ? **5**

OR

2. a. Define Antibiotics ? **2**
- b. Explain classification of Antibiotics with examples ? **6**
- c. Describe pharmacology of penicillin in detail **7**

II Short Essay : (Any 3 out of 5) 3×5=15

1. Anti cancer drugs
2. Pharmacology of Atropine
3. Diuretics
4. Routes & principles of drug administration
5. Role & responsibilities of nurse while using Insulin therapy.

III Short Answers : (Any 4 out of 6) 4×2=8

1. Trade name & Chemical name
2. Side effects of Antiplatelets
3. Indications for Acyclovir drugs
4. AYUSH
5. Examples for Non opioids analgesics
6. Drug toxicity.

SECTION – II
(Pathology and Genetics)

37 Marks

- 1** Define scope of pathology. How do you diagnose diseases ? **10**
Samples used for Diagnosis.

OR

- 1** Write essays on Necrosis. Give detail of myocardial infarction. **10**

- 2** Write short notes on any **three** : **(5×3)** **15**

- a) Indications of stool examination.
- b) Factors helping wound healing.
- c) Give Morphology tubercle.
- d) Give types of jaundice, give diagnosis of any one.
- e) Selection of blood donors.
- f) Define Anemia. Give brief about diagnosis of macrocytic anemia

- 3** Answer in brief : **(6×2)** **12**

- a) Who is regarded as Father of Genetics ?
 - b) What is called for physical appearance of character ?
 - c) What alternate form of gene is called ?
 - d) What is called the genotype of with only one type of gene ?
 - e) Which plant was used for experimenting Genetics ? Why that was selected ?
 - f) Where do you see inactivation of X chromosome ? Name one disease Transmitted by this ?
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