VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM (Deemed to be University)

B.Sc. (NURSING) DEGREE EXAMINATION – February 2021 Second Year

PHARMACOLOGY, PATHOLOGY, GENETICS

Time: Three hours

Answer Part A and Part B in separate Answer Book

PART – A

Pharmacology Maximum: 38 marks

SECTION – A

I. Answer **All** Questions. Each answer in one or two sentences: $(8 \times 1 = 8)$

- 1. Name two drugs useful in the treatment of falciparum malaria.
- 2. Name two drugs useful in the treatment of bronchial asthma.
- 3. Name two drugs useful in the treatment of chronic stable angina.
- 4. Name two drugs useful in the treatment of Type II diabetes mellitus.
- 5. Name two drugs useful in the treatment of peptic ulcer.
- 6. Name two drugs useful in the treatment of hypovolemic shock.
- 7. Name two drugs useful in the treatment of vomiting during pregnancy.
- 8. Name two drugs useful in the treatment of grand mal seizures.

SECTION – B

II. Write Short Notes on:

- 9. Nursing implications while administering local analgesic for a patient undergoing suturing of skin.
- 10. Nursing implications while administering a thiazide diuretic to a patient with edema of legs.
- 11. Nursing implications while administering beta blocker to a hypertensive patient.
- 12. Nursing implications while administering dapsone to a patient with lepromatous leprosy.

SECTION – C

III. Essay:

13. Enumerate the various routes of drug administration. List the merits and demerits of intravenous drug administration.

 $(1 \times 10 = 10)$

 $(4 \times 5 = 20)$

Maximum: 75 marks

PART – B

PATHOLOGY, GENETICS Maximum: 37 marks

SECTION – A

I. Answer All Questions. Each answer in one or two sentences: $(7 \times 1 = 7)$

- 1. Write any two complications of Rheumatic Heart Disease.
- 2. What is HERD Immunity?
- 3. What is Neoplasm?
- 4. What is Pneumonia?
- 5. Write two autosomal recessive disorder.
- 6. Laboratory diagnosis of HIV.
- 7. What is Zollinger Elision Syndrome?

SECTION – B

- II. Write short notes on:
 - 8. Define Mutation. Mention some of the causes of Mutation.
 - 9. Blood Groups.
 - 10. Birth defects due to maternal folic acid deficiency.
 - 11. Down's Syndrome.

SECTION – C

III. Essay:

12. Define Jaundice. Mention some of the causes and Laboratory findings seen in a Jaundiced patient. Write briefly about Hepatitis B.

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 $(1 \times 10 = 10)$

 $(4 \times 5 = 20)$