Sl.No.M21536 Course Code: 2410213

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

B.Sc. (NURSING) DEGREE EXAMINATION – August 2019 Second Year

PHARMACOLOGY, PATHOLOGY, GENETICS

Time: Three hours Maximum: 75 marks

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. Mention two drugs used in angina pectoris.
- 2. Advantages of ayurvedic system of medicine.
- 3. Immuno-suppressants.
- 4. Define teratogenicity with example.
- 5. Mention two drus used in allergy.
- 6. Write any two uses of heparin.
- 7. Mechanism of action and uses of phenytoin.
- 8. Drugs used in myocardial infarction.

SECTION - B

II. Write Short Notes on:

 $(4 \times 5 = 20)$

- 9. Bronchodilator.
- 10. Antiretroviral drugs.
- 11. Non-steroidal anti-inflammatory drugs.
- 12. Drugs used in the treatment of shock.

SECTION - C

III. Essay: $(1 \times 10 = 10)$

- 13. a) Classify antihypertensive drugs.
 - b) Discuss the mechanism of action, pharmacological actions and therapeutic uses of angiotensin converting enzyme inhibitors.

(p.t.o)

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. Name two screening tests for detecting congenital abnormalities.
 - 2. Ghon complex.
 - 3. Sex determination.
 - 4. CK cell.
 - 5. Acquired immunity.
 - 6. Granuloma.
 - 7. Laboratory diagnosis of enteric fever.

SECTION - B

II. Write short notes on:

 $(4 \times 5 = 20)$

- 8. Genetic counseling.
- 9. Erythroblastosis fetalis.
- 10.Difference between benign and malignant tumour with suitable examples.
- 11.CSF indication, collection and analysis of CSF.

SECTION - C

III. Essay: $(1 \times 10 = 10)$

12. Describe in detail about type of shock. Write in detail about etiological factors, pathogenesis and morphological change in septic shock.

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