

Sl.No.M19099

Course Code: 2410213

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

**B.Sc. (NURSING) DEGREE EXAMINATION – August 2018  
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 x 1 = 8)

1. Give two examples of liquid dosages forms. Mention its advantages
2. Mention the mechanism of action of sulfonamide. Give two topically used sulfonamides
3. Name two anti metabolite anticancer drugs and their two adverse effects
4. List two side effects of aminoglycosides
5. Write down two uses of morphine
6. Mention four different routes of drug eliminations
7. Name two plasma expanders
8. List two antihelminthics and their indications

**SECTION – B**

II. Write Short Notes on:      (4 x 5 = 20)

9. Sublingual route of administration
10. Enumerate the side effects of NSAID'S
11. Discuss the pharmacological treatment protocol of a patient with organophosphorous compound
12. Write down the mechanism of action of betablockers in the treatment of hypertension

**SECTION – C**

III. Answer the following:      (1 x 10 = 10)

13. Classify analgesics. Mention the pharmacological actions, adverse effects and uses of ASPIRIN

(p.t.o)

-- (2) --

**PART – B**

**PATHOLOGY, GENETICS**

**Maximum: 37 marks**

**SECTION – A**

I. Answer ALL questions. Each answer in one or two sentence : (7 x 1 = 17)

1. G banding
2. ISO chromosome
3. Codominant inheritance
4. Any two benign tumours
5. Minor blood groups
6. Aschoff bodies
7. Any two causes for osteomyelitis

**SECTION – B**

II. Write short notes :

(4 x 5 = 20)

8. Wound healing- I intension (primary)
9. Ghons complex
10. Meningioma
11. Cirrhosis- Liver

**SECTION – C**

III. Answer the following :

(1 x 10 = 10)

12. Write in detail about clinical signs of inflammation, vascular events ,  
cellular events of inflammation

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