

# Madhya Pradesh Medical Science University, Jabalpur

B.Sc. Nursing Second Year Main Examination September-2022

Paper Code:- 22AN0000192021

Subject:- Pharmacology, Pathology, Genetics

Time: 3 Hours

Maximum Marks: 75

1) All questions are compulsory.

2) Draw diagrams wherever necessary

3) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

## Section A - Pharmacology (38 Marks)

Q.No.		Marks
Q.1	a. Classify anti-tubercular drugs. (3) b. Therapeutic uses and mode of action of anti-tubercular drugs, adverse effects and contraindication of anti-tuberculosis drugs. (5) c. Explain nurse's role and responsibility of management and administration of anti-tubercular drugs. (7)	
Q.2	Write short notes on (Any Three) a. Enlist the nurse's responsibility before fluid and electrolyte therapy. (3x5=15) b. Which drugs are used in the treatment of the nervous system? c. Oral contraceptives d. Vaccines and sera	
Q.3	Short Answer (Any four) (4x2=8) a. NSAID b. Side effects of Penicillin. c. Two drugs of bronchodilators. d. Nursing responsibilities while giving insulin injections. e. Alternative system of medicine. <a href="https://www.mpmsuonline.com">https://www.mpmsuonline.com</a>	

## Section B - Pathology (25 Marks) & Genetics (12 Marks)

Q.1	Explain importance of study of pathology (5)	
Q.2	a. Define peptic ulcer. (2) b. Sign & symptoms of peptic ulcer. (4) c. Pathological changes in peptic ulcer. (4)	
Q.3	Write short notes on (Any two) (2x5=10) a. Inflammation and infection. b. Blood grouping and cross matching. c. Hemiplegia.	
Q.4	Write short notes on following.(Any three) (3x4=12) a. Genetic counseling b. Prenatal testing and diagnosis c. Down Syndrome d. Gene Therapy	