

Enrollment No: \_\_\_\_\_ Exam Seat No: \_\_\_\_\_

# C. U. SHAH UNIVERSITY

## Summer Examination-2020

Subject Name : Pharmacology, Pathology & Genetics

Subject Code : 4NS02PPG1

Branch: B.Sc. (Nursing)

Year : 2

Date : 27/02/2020

Time : 10:30 To 01:30

Marks : 75

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
  - (2) Instructions written on main answer book are strictly to be obeyed.
  - (3) Draw neat diagrams and figures (if necessary) at right places.
  - (4) Assume suitable data if needed.
  - (5) Section A and B must be written in separate Answer books.
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### SECTION-A (PHARMACOLOGY)

- Q-1 Attempt the following questions: (03)
- a) Define: Pharmacology 1
  - b) Define: Pharmacokinetics 1
  - c) Define: Toxicology 1
- Attempt any two questions from Q-2 to Q-4:
- Q-2 Attempt all questions (10)
- A) Difference between Diuretics and Anti diuretics 05
  - B) Difference between Vaccine and SERA 05
- Q-3 Attempt all questions (10)
- 1) Write the mechanism of action, uses and adverse effects of calcium channel blockers. 05
  - 2) Write the mechanism of action, uses and adverse effects of Beta Blockers 05
- Q-4 Attempt all questions (10)
- Write the first line drugs in the treatment of Pulmonary tuberculosis. 10
- Q-5 Attempt any three questions from A to E: (15)
- A Morphine Sulfate 5
  - B NSAID 5
  - C Mention the first line drugs in the treatment of tuberculosis. 5
  - D Anti Hypertensive Drugs 5
  - E Bronchodilator Drugs 5



**SECTION-B (PATHOLOGY AND GENETICS)**  
**PATHOLOGY**

Attempt any one question from Q-6 to Q-7:

Q-6	Attempt all questions	(10)
	1) Factors affecting wound healing.	05
	2) Causes of anemia.	05
Q-7	Attempt all questions	(10)
	Define Shock. What are types of shock? Discuss the stages and clinical features of shock.	10
Q-8	Attempt any three questions from A to E:	(15)
A	Difference between Benign and Malignant Tumor	5
B	Microscopic examination of Urine.	5
C	Metastasis	5
D	Describe Blood Grouping and Cross Matching	5
E	Pathophysiology of Myocardial Infarction	5

**GENETICS**

Q-9	Define any six from A to H:	(12)
A	Chromosomes	2
B	Dysmorphism	2
C	Down syndrome	2
D	Mitosis	2
E	Infertility	2
F	Genetic Counseling	2
G	Congenital deformity	2
H	Mutation	2

