

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

# C.U.SHAH UNIVERSITY

## Summer Examination-2019

**Subject Name : Pharmacology, Pathology & Genetics**

**Subject Code : 4NS02PPG1**

**Branch: B.Sc. (Nursing)**

**Year : 2**

**Date : 14/03/2019**

**Time : 02:30 To 05:30**

**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.

### SECTION-A (PHARMACOLOGY)

- Q-1 Attempt the following questions: (03)**
- a) Individual drugs that represents group of drugs are called 1
  - b) Drug of choice in acute paroxysmal supraventricular tachycardia is 1
  - c) Which of the following is the primary site of activity for the drug warfarin? 1
    - (a) Kidney
    - (b) Liver
    - (c) Blood
    - (d) heart
- Attempt any two questions from Q-2 to Q-4:**
- Q-2 Attempt all questions (10)**
- A Classify anticholinergic drugs. 3
  - B Write the pharmacological actions, adverse effects and uses of atropine 7
- Q-3 Attempt all questions (10)**
- A Enumerate pencillins. 3
  - B Discuss in detail the pharmacology of benzyl penicillin. 7
- Q-4 Attempt all questions (10)**
- A Classify anti diabetic agents. 3
  - B Mention the action and uses of Insulin. 7
- Q-5 Attempt any three questions from A to E: (15)**
- A Drug antagonism 5
  - B Aminoglycosides. 5
  - C Sublingual route of administration. 5
  - D Angiotensin converting enzyme inhibitors. 5
  - E Bronchodilators 5



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

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

<b>Q-6</b>	<b>Attempt all questions</b>	<b>(10)</b>
<b>A</b>	Define neoplasm	<b>2</b>
<b>B</b>	Discuss the different pathways of spread of a malignant tumor.	<b>8</b>
<b>Q-7</b>	<b>Attempt all questions</b>	<b>(10)</b>
<b>A</b>	Define peptic ulcer.	<b>2</b>
<b>B</b>	Discuss the pathogenesis and morphology.	<b>8</b>
<b>Q-8</b>	<b>Attempt any three questions from A to E:</b>	<b>(15)</b>
<b>A</b>	Pathophysiology of edema.	<b>5</b>
<b>B</b>	Aortic aneurysms.	<b>5</b>
<b>C</b>	Renal calculi.	<b>5</b>
<b>D</b>	Blood grouping and cross matching.	<b>5</b>
<b>E</b>	Pathophysiology of bronchial asthma.	<b>5</b>

**GENETICS**

<b>Q-9</b>	<b>Attempt any six questions from A to H:</b>	<b>(12)</b>
<b>A</b>	Spontaneous abortion.	<b>2</b>
<b>B</b>	Clinical features of Klinefelter's syndrome.	<b>2</b>
<b>C</b>	Amniocentesis.	<b>2</b>
<b>D</b>	Methods of transfer of gene in gene therapy.	<b>2</b>
<b>E</b>	Name single gene disorders.	<b>2</b>
<b>F</b>	Legal and ethical issues in genetic counselling.	<b>2</b>
<b>G</b>	Huntington's disease.	<b>2</b>
<b>H</b>	Dysmorphism.	<b>2</b>

