

**C.U.SHAH UNIVERSITY****Summer Examination-2017****Subject Name: Pharmacology - II****Subject Code: 4PS05COL2****Branch: B.Pharm****Semester: 5****Date: 01/04/2017****Time: 02:30 To 05:30****Marks: 70****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.
- 

- Q-1** Answer of the following **(14)**
- |   |  |
|---|--|
| a. Write name of two anticoagulants.                          | b. Write the Use of ethyl alcohol.       |
| c. Write the name of drug which one kept drug abuse category. | d. Write the name of CNS Stimulant.      |
| e. Write the name of cardiac glycoside and its role.          | f. Write the category of butarophenones. |
| g. Write the category of salicilates with two example         |  |

**Attempt any four questions from Q-2 to Q-8**

- Q-2** a. Classify different stage of anesthesia and explain surgical anesthesia. **(7)**  
b. Write the pharmacology of Disulfiram. **(7)**
- Q-3** a. Classify sedative and hypnotics and write the mechanism of benzodiazepines. **(7)**  
b. Classify antiepileptic drugs and write the mechanism of sodium valproate. **(7)**
- Q-4** a. Classify antiparkinson Drug. Write the mechanism levodopa. **(7)**  
b. Classify antihypertensive drug. Write the pharmacology of ACE inhibitors. **(7)**
- Q-5** a. Classify Opioid receptors with its agonist and antagonist. Write the mechanism of Naltrexone **(7)**  
b. Classify NSAID and write the mechanism of Diclofinac. **(7)**
- Q-6** a. How Nitrates work on Preload, afterload reduction and redistribution of coronary flow. **(7)**  
b. Classify antiarrhythmic drugs and write the mechanism of Digitalis. **(7)**
- Q-7** a. Classify loop diuretics and write the mechanism of Thiazide. **(7)**  
b. Write notes on Absorption, Transport, storage and excretion of Iron. **(7)**
- Q-8** a. Give the names of five Hypolipidemic agents. Write the mechanism of statin. **(7)**  
b. Write note on Gene Therapy **(7)**

