

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name: Pharmacology - II

Subject Code: 4PS05COL2

Branch: B.Pharm

Semester: 5

Date: 26/03/2019

Time: 10:30 To 01:30

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 Attempt the following questions: (14)

- a) Define thrombosis (1)
- b) Enumerate anti-arrhythmic drugs (1)
- c) What are diuretics? (1)
- d) Enumerate pre-anesthetic medications (2)
- e) Define hyperlipidemia (1)
- f) Give antidote for opioid poisoning (1)
- g) Enumerate centrally acting skeletal muscle relaxants (2)
- h) What are analgesics? (1)
- i) Define drug dependence and drug abuse (2)
- j) Parkinsonism (2)

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

- Q-2 Attempt all questions**
- a) Discuss pharmacology of ethyl alcohol (7)
 - b) Classify anti-anginal drugs. Discuss role of nitrates in angina (7)
- Q-3 Attempt all questions**
- a) Classify sedatives and hypnotics. Discuss mechanism of action and Uses of the barbiturates and benzodiazepines (7)
 - b) Discuss gene based therapeutic approaches (7)
- Q-4 Attempt all questions**
- a) Classify NSAIDS. Discuss pharmacology of aspirin (7)
 - b) Classify opioid analgesics. Discuss pharmacology of morphine (7)
- Q-5 Attempt all questions**
- a) Classify general anesthetics. Explain stages of general anaesthesia (7)
 - b) Classify diuretics. Discuss pharmacology of potassium sparing diuretics (7)
- Q-6 Attempt all questions**
- a) Discuss role of GABA and glutamate as neurotransmitters (7)
 - b) Classify anti-hypertensive agents. Discuss pharmacology of ACE inhibitors (7)
- Q-7 Attempt all questions**
- a) Classify anti-psychotics. Discuss pharmacology of Chlorpromazine (7)
 - b) Define Hematinics. Discuss role of iron as an essential requirement for (7)



anemia

Q-8

Attempt all questions

- a) Classify anti-parkinsonism drugs. Comment on: combination of Levodopa - Carbidopa in parkinsonism (7)
- b) Comment on: role of Plasma expanders in hypovolemia (7)

