

Roll No.

Total No. of Pages : 01

Total No. of Questions : 06

M. Pharmacy (Sem.-2)
RECENT ADVANCES IN PHARMACOLOGY
Subject Code : PHCOL-136
Paper ID : [A2496]

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries SIXTEEN marks.

- Q1 a) Discuss role of cyclic nucleotides in cellular signaling.
b) Write a note on Cannabinoid receptors. [8+8]
- Q2 Write short notes on following :
a) ATP sensitive potassium channels.
b) Neuropeptide-Y
c) PPAR receptors
d) MDR proteins [4+4+4+4]
- Q3 a) What is chiral pharmacology? Discuss pharmacological implications of chiral compounds,
b) Add a note on Phosphodiesterases. [8+8]
- Q4 Write a note on following :
a) Mitochondrial pathway of apoptotic cell death.
b) Anti-apoptotic drugs. [8+8]
- Q5 a) Add a brief note on cardiac and vascular remodeling.
b) Write a note on endothelial dysfunction and its clinical implications. [8+8]
- Q6 a) Write a brief note on anti-adhesion therapy.
b) Write a note on NMDA receptor ionophore complex. [8+8]