



J-16120107010406000

Seat No. _____

M. P. M. (Sem. IV) (CBCS) Examination

June / July - 2019

BP - 404 T : Pharmacology - I

Time : 3 Hours]

[Total Marks : 75

- Instructions :** (1) Figure to the right indicates full marks.
(2) Draw neat and clean diagram wherever required.

- 1 Explain the followings : 10×2=20**
- (a) M₂ receptors
 - (b) Dopamine
 - (c) Tolerance
 - (d) Allergy
 - (e) Essential Drugs Concept
 - (f) Source of drugs
 - (g) Pharmacovigilance
 - (h) Preanesthetic medication
 - (i) Drug abuse
 - (j) Opioid receptors
- 2 Answer any two out of the following : 2×10=20**
- (a) Classify sympatholytics. Write pharmacology of propranolol.
 - (b) Write detail pharmacology of morphine.
 - (c) Classify skeletal muscle relaxants. Write a note on centrally acting muscle relaxants.
- 3 Answer any seven out of the following : 7×5=35**
- (a) Write a note on drugs used Glaucoma.
 - (b) Write a note clinical trials.
 - (c) Write a note adverse drug reactions.
 - (d) Classify receptors. Write a note on GPCRs.
 - (e) Write a note on drug antagonism
 - (f) Write merits and demerits of parenteral route of drug administration.
 - (g) Write a note on anti-epileptic drugs.
 - (h) Write a note on drugs used in Parkinsons disease.
 - (i) Classify local anesthetics. Write its mechanism of action and therapeutic uses.