

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
PARUL INSTITUTE OF PHARMACY

B.PHARM FOURTH SEMESTER

Second
~~FIRST~~ INTERNAL THEORY EXAMINATION: 2018-19

Subject Name: PHARMACOLOGY-I

Subject Code: BP404T

Time: 10:00 am to 11:15 am

Date: 18/03/2019

Total Marks: 30

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Instructions:

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

1. **Beta-receptor antagonists cause:**
(a) Stimulation of lipolysis (b) Stimulation of gluconeogenesis
(c) Inhibition of glycogenolysis (d) Stimulation of insulin secretion
2. **Propranolol is used in the treatment all of the following diseases EXCEPT:**
(a) Cardiovascular diseases (b) Hyperthyroidism
(c) Migraine headache (d) Bronchial asthma
3. **Which neurons are involved in parkinsonism?**
(a) Cholinergic neurons (b) GABAergic neurons
(c) Dopaminergic neurons (d) All of the above
4. **Beta-receptor antagonists have all of the following cardiovascular effects EXCEPT:**
(a) The negative inotropic and chronotropic effects
(b) Acute effects of these drugs include a fall in peripheral resistance
(c) Vasoconstriction
(d) Reduction of the release of renin
5. **Which of the following cholinomimetics is indirect-acting?**
(a) Lobeline (b) Edrophonium (c) Pilocarpine (d) Carbachol
6. **Indicate the location of M2 cholinoreceptor type:**
(a) Heart (b) Glands (c) Smooth muscle (d) Endothelium
7. **Which of the following local anesthetics is an useful antiarrhythmic agent?**
(a) Cocaine (b) Lidocaine (c) Bupivacaine (d) Ropivacaine
8. **Which of the following statements is correct?**
(a) MAO-A metabolizes dopamine; MAO-B metabolizes serotonin
(b) MAO-A metabolizes norepinephrine and dopamine; MAO-B metabolizes serotonin
(c) MAO-A metabolizes norepinephrine and serotonin; MAO-B metabolizes dopamine
(d) MAO-A metabolizes dopamine; MAO-B metabolizes norepinephrine and serotonin
9. **Distribution of alfa adrenoreceptor subtypes is associated with all of the following tissues except those of:**
(a) Heart (b) Blood vessels
(c) Prostate (d) Pupillary dilator muscle
10. **Indicate a peripheral dopa decarboxylase inhibitor:**
(a) Tolcapone (b) Clozapine (c) Carbidopa (d) Selegiline

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SECOND INTERNAL THEORY EXAMINATION: 2018-19

Subject Name: PHARMACOLOGY-I

Subject Code: BP404T

Time: 10:00 am to 11:15 am

Date: 18/03/2019

Total Marks: 30

Instructions:

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Q.2 Long Answers:(Any One)

- (1) Classify General anesthetics. Write the stages of general anesthesia. And mechanism of propofol. **10**
- (2) Classify Parasympathomimetics drugs and cholinergic receptors. Write in brief pharmacology of Atropine. **10**

Q.3 Short Answers:(Any Two)

- (1) Write a note on Drugs used in myasthenia gravis. **05**
- (2) Write a short note on β blockers **05**
- (3) Write a note on mechanism of local anesthesia. **05**
