

Enrolment No. \_\_\_\_\_

**PARUL UNIVERSITY**  
**PARUL INSTITUTE OF PHARMACY**  
**B.PHARM FOURTH SEMESTER**

**SECOND INTERNAL THEORY EXAMINATION: 2020-21**

Subject Name: Pharmacology-I

Subject Code: BP404T

Time: 10:00 TO 11:15 am

Date: 12/03/2021

Total Marks: 30

**Instructions:**

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

**Q.1 Multiple Choice Questions:**

[10]

- (1) What is the entry of drug into the plasma? 01  
(a) Absorption (b) Distribution (c) Elimination (d) Metabolism
- (2) A drug food interaction occurs when a medication interacts with a substance in a food or beverages. 01  
(a) True (b) False
- (3) Large scale clinical trials occur at what phase of clinical trialing? 01  
(a) Phase I (b) Phase II (c) Phase III (d) Phase IV
- (4) Given the following are the excitatory neurotransmitters except: 01  
(a) GABA (b) Acetylcholine (c) Adrenaline (d) Noradrenaline
- (5) M<sub>2</sub> receptor subtype is located..... 01  
(a) on the motor end plate (b) in sympathetic postganglionic neuron  
(c) Smooth muscle cell (d) In the myocardium
- (6) Glaucoma is characterized by: 01  
(a) Muscular weakness (b) Adrenal tumor (c) Increase  
intraocular tension (d) Adrenal cortex insufficiency
- (7) Atropine cause... 01  
(a) Stimulation of secretory activity (b) Stimulation of contraction in the gut  
(c) Intestinal hyper motility (d) Spasmolytic activity
- (8) Which of the following agent is a Beta-2 selective antagonist? 01  
(a) Butoxamine (b) Ergotamine (c) Pindolol  
(d) Tolazoline

(9) The mechanism of phenytoin is .....

01

(a) Facilitation of GABA binding

(b) Inhibition of voltage gated sodium channels

(c) Inhibition of carbonic anhydrase

(d) Inhibition of GABA transaminase

(10) Disulfiram is the example of ....

01

(a) Alcohol dehydrogenase inhibitors?

(b) Aldehyde dehydrogenase inhibitors

(c) DHFR inhibitors

(d) THFS inhibitors

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**SECOND INTERNAL THEORY EXAMINATION: 2020-21**

**Subject Name:** Pharmacology-I  
**Subject Code:** BP404T  
**Time:** 10:00 TO 11:15 am

**Date:** 11/3/2021  
**Total Marks:** 30

**Instructions:**

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

- Q.2 Long Answers:(Any One)**
- |     |   |    |
|-----|---|----|
| (1) | Enlist different type of receptors. Explain GPCR & Ligand gated ion channel receptor in detailed. | 10 |
| (2) | Enlist different types of seizure. Classify Antiepileptic drug and explain in detail.             | 10 |
- Q.3 Short Answers:(Any Two)**
- |     |   |    |
|-----|---|----|
| (1) | Explain the drug discovery phase in detail.   | 05 |
| (2) | Define sympatholytics and classify it. Write their therapeutic use and side effect of alpha-adrenergic agent. | 05 |
| (3) | Classify Antiparkinsons drug and explain in detail.   | 05 |

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