(b)

(d)

Equal to 1

None of above

Therapeutic index should be

(a) More than 1

(c) Less than 1

(v)

(V1)	Following is the example of microsomal enzyme						
	(a)	Monoamine oxidase		*			
	(b)	Amidase					
	(c)	Transferase					
	(d)	Cytochrome p450					
(vii)	Following is the compartment/reservoir for distribution of drugs in our body						
	(a)	Cell	(b)	Fat			
	(c)	Plasma protein	(d)	All the above			
(viii)	In v	oltage operated ion channel					
	(a)	Ion conductance is regulated by a drug					
	(b)	Ion conductance is regulated by alteration in voltage gradient across plasma membrane					
	(c)	Agonist open the channel	×				
	(d)	Antagonist prevent the channel from opening					
(ix)	Neurotransmitter at the sympathetic ganglia is						
	(a)	Noradrenaline	(b)	Acetyicholine			
	(c)	Histamine	(d)	SerotoninGiniae Chom			
(x)	$\alpha_2$	- agonist		Acetyicholine  SerotoninGirijananda Chowahury Central Library  Hatkhowapara, Azara, Ghy. 17			
	(a)	Increase release of Nor adrenaline					
	(b)	Decrease release of Nor adrenaline					
	(c)	Increase release of Dopamine					
	(d)	None of above					
(xi)	The anxiolytic which is a potent enzyme inducer and exhibit more drug						
		eractions					
	(a)	Diazepam	(b)	Phenobarbital			
	(c)	Zolpidem	(d)	Buspirone			
(xii)	Majority of antipsychetic drugs act by						
	(a)	(a) Blocking dopamine receptors					
	(b)	) Activating dopamine receptors					
	(c)	Blocking muscarine receptors					
	(d)	Activating nicotine receptor					
(xiii	i) Fol	lowing is the excitatory neuro	rans	mitters			
	(a)	NMDA	(b)	GABA			
	(c)	Glycine	(d)	None of above			
4047	7.	1	2				

(x	iv) Diss	sociative anesthesia is prod	uced by					
	(a)	Ketamine	(b)	Propofol				
	(c)	Fentanyl	(d)	Thiopental				
(x	v) Foll	owing is a respiratory stim	ulant					
	(a)	Picrotoxin	(b)	Doxapram				
	(c)	Strychnine	(d)	Bicuculine				
(x	vi) Foll	owing are the pharmacolog	ical actio	ons of alcohol				
	(a)	(a) Decrease myocardial contractility						
	(b)	Diuresis						
	(c)	Cutaneous vasodilation						
	(d)	All the above						
(xvii) Following is a drug for glaucoma that blocks acetylcholine esterase enzyme								
	(a)	Physostigmine	(b)	Timolol				
	(c)	Pilocarpine	(d)	Acetazolamide				
(x	viii) "S	ide effects" are coming unde	er follow	ing type of ADR				
	(a)	A	(b)	В				
	(c)	C	(d)	D .				
(xix) Atracurium works by  (a) Blocking GABA receptor  (b) Blocking N <sub>M</sub> receptor  (c) Blocking α 2 receptor								
	(a)	Blocking GABA receptor		atkhowapara, Azara, Ghy-17				
	(b)	Blocking N <sub>M</sub> receptor		Mara, Azar University				
	(c)	Blocking $\alpha$ 2 receptor		Ghy-17 Granty				
	(d)	Blocking M <sub>1</sub> receptor						
(x	(x) Mor	rphine causes	*					
	(a)	Miosis	(b)	Suppression of cough				
	(c)	Respiratory depression	(d)	All the above				
			Section :	B				
S	hort Ty	pe Questions (Answer any	Seven):	$(5 \times 7 = 35)$				
	a) Wh	What are the mechanisms of bio transportation? Write in brief about carrier mediated transport system.						
(1	) Exp	Explain the synthesis, release and degradation of acetylchotine.						
(0	) Def	Define Competitive and Noncompetitive antagonism.						

Classify antipsychotics and explain their MOA.

2.

- Define sedatives and hypnotics. Explain the mechanism of Barbiturates (e) with ADR.
- Explain in brief about Drug-Drug Interactions. (f)
- Classify antiadrenergic drugs and mention a few therapeutic applications. (g)
- Write a short note on drug dependence and drug abuse. (h)
- What are the different types of seizures? Write in brief about Phenytoin including MOA and ADR.

  Section C

  Type Questions (Answer Any Two)

  Explain in details about G-protein coupled receptor and intracellular receptor.

  (7+3 = 10) (i)

- Long Type Questions (Answer Any Two) 3.
  - receptor.
  - Define local anaesthetics. Classify local anaesthetics with mechanism of - (b) (2+8=10)action and ADR.
  - Explain the classic symptoms of Parkinsons Disease. Classify antiparkinson (c) (2+2+6=10)drugs with Mechanism of action and ADR.