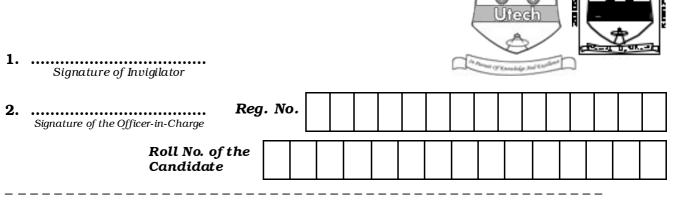
CS/B.Pharm (Supple)/SEM-8/PT-808/09 PHARMACOLOGY (SEMESTER - 8)



CS/B.Pharm (Supple)/SEM-8/PT-808/09

ENGINEERING & MANAGEMENT EXAMINATIONS, JULY - 2009

PHARMACOLOGY (SEMESTER - 8)

Time: 3 Hours] [Full Marks: 70

INSTRUCTIONS TO THE CANDIDATES:

- This Booklet is a Question-cum-Answer Booklet. The Booklet consists of 32 pages. The questions of this concerned subject commence from Page No. 3.
- In **Group A**, Questions are of Multiple Choice type. You have to write the correct choice in the box provided against each question.
 - For Groups B & C you have to answer the questions in the space provided marked 'Answer Sheet'. Questions of Group - B are Short answer type. Questions of Group - C are Long answer type. Write on both sides of the paper.
- 3. Fill in your Roll No. in the box provided as in your Admit Card before answering the questions.
- 4. Read the instructions given inside carefully before answering.
- 5. You should not forget to write the corresponding question numbers while answering.
- 6. Do not write your name or put any special mark in the booklet that may disclose your identity, which will render you liable to disqualification. Any candidate found copying will be subject to Disciplinary Action under the relevant rules.
- 7. Use of Mobile Phone and Programmable Calculator is totally prohibited in the examination hall.
- 8. You should return the booklet to the invigilator at the end of the examination and should not take any page of this booklet with you outside the examination hall, which will lead to disqualification.
- 9. Rough work, if necessary is to be done in this booklet only and cross it through.

No additional sheets are to be used and no loose paper will be provided

FOR OFFICE USE / EVALUATION ONLY

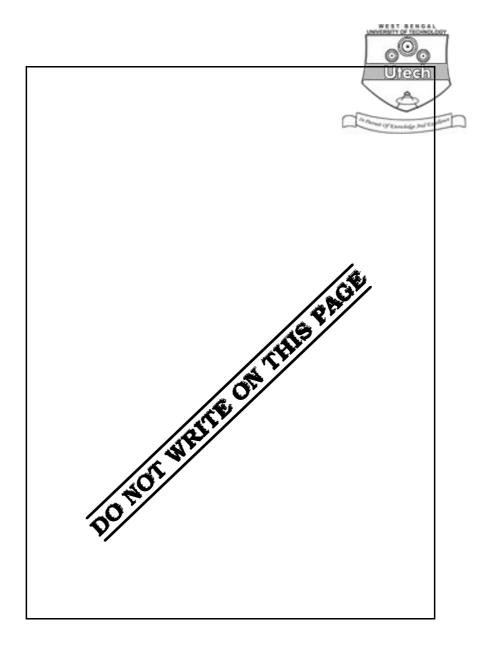
Marks Obtained

Group - A							Group - B Group - C			· C							
	Guestion Number														Total Marks	Examiner's Signature	
Ī	Marks Obtained																

Head-Examiner/Co-Ordinator/Scrutineer

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1.



CS/B.Pharm (Supple)/SEM-8/PT-808/09 PHARMACOLOGY SEMESTER - 8

Time: 3 Hours [Full Marks: 70

GROUP - A

(Multiple Choice Type Questions)

Choo	se th	e correct alternatives for any <i>ter</i>	ı of the	following:	10 ∞ 1 = 10
i)	Aspi	irin is lipid soluble when the me	dium h	nas	
	a)	low pH	b)	high pH	
	c)	both (a) and (b)	d)	none of these.	
ii)	Follo	owing oral administration, bioav	ailabili	ty of a drug can be	
	a)	near 0%	b)	near 100%	
	c)	both (a) and (b)	d)	none of these.	
iii)	A dr	rug receptor			
	a)	is a macromolecular protein	b)	always present in the ce	ll membrane
	c)	is a steroid	d)	none of these.	
iv)	A lig	and can be			
	a)	an Agonist	b)	an Antagonist	
	c)	both (a) and (b)	d)	none of these.	

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v)	Sulp	phonylureas are the drug of	choice in	LEWISHRITT OF TECHNOLOGY	
	a)	urinary tract infections	b)	diabetes mellitus	
	c)	epilepsy	d)	none of these.	
vi)	The	neurotransmitter at the pos	tganglionic	sympathetic nerve ending is	
	a)	adrenaline	b)	noradrenaline	
	c)	both (a) and (b)	d)	none of these.	
vii)	For	motion sickness the drug of	choice is		
	a)	Atropine	b)	Scopolamine	
	c)	both (a) and (b)	d)	none of these.	
viii)	A lo	ng acting neuromuscular blo	ocker is		
	a)	Atracurium	b)	Pancuronium	
	c)	both (a) and (b)	d)	none of these.	
ix)	Whi	ch drug is used in the mana	gement of	tuberculosis ?	
	a)	Zidovudine	b)	Rifampicin	
	c)	Penicillin	d)	None of these.	
x)	Chr	onic complication of Diabete	s mellitus i	is	
	a)	retinopathy	b)	nephropathy	
	c)	neuropathy	d)	all of these.	
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c)

Omeprazole



xi)	Whic	ch one of the following is a cogni	tive dy	sfunction ?	
	a)	Epilepsy	b)	Alzheimer's disease	
	c)	Migraine	d)	Myocardial infarction.	
xii)		is a proton-pump	inhibi	tor.	
	a)	Ranitidine	b)	Floconazole	

d)

Clotrimazole.

GROUP - B

(Short Answer Type Questions)

Answer any three of the following.

 $3 \propto 5 = 15$

- 2. What is digitalis? Discuss its pharmacological action.
- 3. Write about the clinical significance of SGOT and SGPT.
- 4. Mention the classification of drugs used in hypertension.
- 5. Write short note on Intolerance and Idiosyncrasy.

GROUP - C

(Long Answer Type Questions)

Answer any three of the following.

 $3 \propto 15 = 45$

- 6. What is angina pectoris? Discuss about its therapeutic management.
- 7. Discuss about the pharmacological actions, uses and side effects of the drugs used in Asthma.
- 8. What do you mean by pediatrics? Write a brief note on the selection and use of drugs for pediatric patients.

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- 9. Write short notes on any two of the following:
 - a) Management of peptic ulcer disease.
 - b) DMARD's in the treatment of Rheumatoid arthritis.
 - c) Hodgkins disease and its management.
- 10. What is therapeutic drug monitoring (TDM) ? What are the conditions when TDM is necessary ? What are the factors and which sample characteristics depend in TDM ?

END

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