PHARMACOLOGY (SEMESTER - 8)

CS/B.PHARM/SEM-8/PT-808/09

1. ..... *Signature of Invigilator*

2. ..... *Signature of the Officer-in-Charge*

Reg. No. | | | | | | | | | | | | | | |

Roll No. of the Candidate | | | | | | | | | | | | | | |

CS/B.PHARM/SEM-8/PT-808/09

ENGINEERING & MANAGEMENT EXAMINATIONS, APRIL – 2009

PHARMACOLOGY (SEMESTER - 8)

Time : 3 Hours] [Full Marks : 70

INSTRUCTIONS TO THE CANDIDATES :

1. 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.
2. a) In **Group – A**, Questions are of Multiple Choice type. You have to write the correct choice in the box provided **against each question**.
   b) 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

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Marks Obtained

	Group – A										Group – B			Group – C			***Total Marks***	***Examiner's Signature***
Question Number																		
Marks Obtained																		

.....

Head-Examiner/Co-Ordinator/Scrutineer

8845 (25/04)

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ENGINEERING & MANAGEMENT EXAMINATIONS, APRIL – 2009

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GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any *ten* of the following : 10 × 1 = 10

i) Which drug is used in management of peptic ulcer ?

a) Levamisole b) Astemizole

c) Omeprazole d) None of these. ☐

ii) Chronic complication of Diabetes mellitus is

a) eye disease b) nephropathy

c) coronary artery disease d) all of these. ☐

iii) Which one of the following is a cognitive disfunction ?

a) Epilepsy b) Alzheimer's disease

c) Parkison's disease d) Myocardial infarction. ☐

iv) Gynaecomastia can occur as a side effect with

a) Bromocriptine b) Cimetidine

c) Famotidine d) Levodopa. ☐

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v) A woman aged 25 years diagnosed to be suffering from pulmonary tuberculosis. She is also 8 week pregnant. Anti-tubercular therapy for her should be

a) started immediatedly

b) delayed till the end of first trimester

c) delayed till the end of second trimester

d) delayed till after confinement. ☐

vi) Which of the following drugs is not 5-HT uptake inhibitor but used as antidepressant ?

a) Fluoxetine b) Maprotiline

c) Paroxetine d) Sertraline. ☐

vii) The incubation period of Hepatitis *B* is

a) 5 – 12 days b) 15 – 45 days

c) 10 – 20 days d) 30 – 180 days. ☐

viii) Digitalis increases the automaticity of all parts of the myocardium *except*

a) Atria b) *A* – *V* node

c) *S* – *A* node d) Purkinje fibers. ☐

ix) Phenobarbitone causes induction of

a) Microsomal enzymes b) Cytoplasmic enzymes

c) Mitochondrial enzymes d) all of these enzymes. ☐

x) Cretinism is due to

a) Hyperthyroidism b) Hypothyroidism

c) Pituitary disorder d) all of these. ☐

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xi) Renal clearance rate in case of Pediatric patient is

a) low b) how

c) moderate d) none of these.

xii) In the treatment of migraine which of these drug is used ?

a) 5-HT antagonist b) H_2 antagonist

c) D_2 antagonist d) Anticholinergic.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following. 3 × 5 = 15

2. What is hypertension ? What are the various precautions you should take to treat a elderly patient suffering from hypertension ?

3. Write short note on intolerance and Idiosyncrasy.

4. Write short note on essential drug concept.

5. Write short note on therapeutic drug monitoring.

6. Write short note on Pathophysiology of Hodgkin's disease.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following questions. 3 × 15 = 45

7. Discuss in detail the drug therapy for geriatric patients. Mention the drugs to be avoided for geriatric patient giving suitable reasons.

8. What are the different types of Asthma ? Write about the management of Asthma ?

5 + 10

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9. Write short notes on any *three* of the following : 3 × 5 = 15

   a) Drug used in Paediatrics

   b) Vazcular steal

   c) Acabarose

   d) Potassium channel openers.

10. What is diabetes mellitus ? Write the classification of oral hypoglycemic agents and their mechanism of action. What are the symptoms of hyperthyroidism and what are the different drugs used in the treatment of hyperthyroidism ? 1 + 8 + 6

11. Differenciate between Rheumatoid arthritis and Osteoarthritis. Discuss about the DMARDs in the treatment of Rheumatoid arthritis. 10 + 5

12. a) What is ulcer ? Write about its pathogenesis.

    b) What are the various pharmacological agents that are available for management of H. Pylois infection ?

    c) Mention the mechanism of action of piston pump inhibitor. 6 + 5 + 4

END

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