



RA-1369-70

Final B. Pharm. Examination

March / April – 2010

Pharmacology - III (405)

Time : Hours]

[Total Marks : 70

RA-1369

Instructions :

(1)

नीचे दर्शायेख निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
Final B. Pharm.	<input type="text"/>
Name of the Subject :	<input type="text"/>
Pharmacology - 3 (405)	<input type="text"/>
Subject Code No. : <input type="text"/> 1 <input type="text"/> 3 <input type="text"/> 6 <input type="text"/> 9	Section No. (1, 2,.....) : <input type="text"/> 1
Student's Signature	

(2) Answer the questions in **two** separate sections.

(3) Answer all questions.

(4) Figures to the **right** indicate marks.

1 Comment on the following : (any **five**) 5×2=10

- Nifedipine and atenolol is a rational drug combination for mild-moderate hypertension.
- Glipizide causes metabolic acidosis/lactic acidosis.
- Cimetidine may cause reversible gynecomastia.
- Thiazide diuretics may cause hypoglycemia and hypocalcaemia.
- Ticlopidine is an inhibitor of ADP induced platelet aggregation.
- The glycone portion of digoxin causes the cardiac effect.

2 Attempt any **four** of the following : 4×4=16

- Discuss the Aversion therapy in alcoholism.
- Discuss the metabolism related drug interactions.
- Describe the bio-synthesis of Thyroid hormones.
- Explain the merits and demerits of Bio-assay.
- Discuss the pharmacotherapy of Acute Myocardial Infarction.
- Discuss the pharmacology of oral hypoglycemics.

3 Classify the following with examples : (any **three**) 3×3=9

- Antihypertensives
- Antiepileptics
- Antiasthmatics
- Laxatives

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Instructions :

(1)

नीचे दशांशों में निशानीवाणी विगतो उत्तरवही पर अवश्य लिखनी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Final B. Pharm.	<div style="border: 1px solid black; border-radius: 15px; padding: 10px; width: 150px; height: 80px; margin: 0 auto;">Student's Signature</div>
Name of the Subject :	
Pharmacology - 3 (405)	
Subject Code No. : <input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="0"/> Section No. (1, 2,.....) : <input type="text" value="2"/>	

(2) Answer the questions in **two** separate sections.

(3) Answer all questions.

(4) Figures to the **right** indicate marks.

4 Attempt any eleven :

11×1=11

- (i) Thrombolytics
- (ii) Give two examples for loop diuretics.
- (iii) Suggest drug for treatment of Hypovolumic shock.
- (iv) What are Hypnotics? Give examples.
- (v) Clinical uses of Vasopressin.
- (vi) Write the therapeutic uses of folic acid.
- (vii) What is suggested antimicrobial regimen for H.Pylori infection?
- (viii) Mucolytics
- (ix) Name uterine relaxants.
- (x) Name two abortifacient.
- (xi) Write the disadvantages of Nitrous Oxide.
- (xii) Cyclosporine A
- (xiii) Pyrantel pamoate
- (xiv) Clinical applications of Gene Therapy.

5 Attempt any **two** of the following :

2×6=12

- (a) Discuss the uses and adverse effects of digitalis.
- (b) Classify hypolipedemic agents and discuss the mechanism of action of statin.

6 (i) Give the mechanism of action of the following : **3×2=6**
(any **three**)

- | | |
|----------------|-----------------|
| (a) Tacrolimus | (b) Mannitol |
| (c) Omeprazole | (d) Diclofenac. |

(ii) Write the therapeutic uses of the following : **3×2=6**
(any **three**)

- | | |
|---------------------|----------------------|
| (a) Cromolyn sodium | (b) Prochlorperazine |
| (c) Naloxone | (d) Cisapride. |