



RD-1525-26

Second Year D. Pharm. Examination

April / May - 2010

Pharmacology & Toxicology

Time : 3 Hours]

[Total Marks : 80

RD-1525

Instructions : (1)

नीचे दृशविल निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="S. Y. D. Pharm."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Pharmacology & Toxicology"/>	<input type="text" value="Student's Signature"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="5"/> <input type="text" value="2"/> <input type="text" value="5"/> Section No. (1, 2,.....): <input type="text" value="1"/>	

- (2) Attempt all questions.
- (3) All questions carries equal marks.
- (4) Tie and submit each section separately.
- (5) Figures to the right indicate marks.

Q.1 Give the mechanism of action of any five.

10

1. Digoxine
2. Diazepam
3. Levodopa
4. Salicylates
5. Clofibrate
6. Lidocaine

Q.2 Write in detail about any one.

12

1. Factor modifying drug action
2. Classify NSAIDS. Write pharmacological action, side effect and uses of salicylates

Q.3 Write short note on any three.

18

1. ACE inhibitors
2. G-protein coupled receptor
3. Stages of General anaesthesia
4. Ca channel blockers
5. Classify antianginal drugs. Write in detail about nitrates

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[Contd...

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Instructions : (1)

नीचे दृशवित्त निशानीवाणी विगतो उत्तरवडी पर अवश्य दजवडी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. D. Pharm.

Name of the Subject :
Pharmacology & Toxicology

Subject Code No. : 1 5 2 6 Section No. (1, 2,.....): 2

Seat No. :

Student's Signature

- (2) Attempt all questions.
- (3) All questions carries equal marks.
- (4) Tie and submit each section separately.
- (5) Figures to the right indicate marks.

Q.4 Write differences between following pairs (attempt any Five) 10

1. Salbutamol and isoprenaline
2. Methotrexate and mercaptopurine
3. Salmeterol and theophylline
4. Oestrogen and progestogen
5. Parasympathomimetics and sympathomimetics
6. Ranitidine and omeprazole
7. Probenecid and penicillins

Q.5 Attempt any Five 20

1. Discuss in brief proton pump inhibitors
2. Write a short note on co-trimoxazole
3. Write mechanism of action and adverse reactions of zidovudine
4. Discuss pharmacological actions of histamine
5. Write mechanism of action, therapeutic uses and adverse reactions of dapsone
6. Write a short note on cephalosporins
7. Write mechanism of action and adverse reactions of chloromphenicol

Q.6 Attempt any One 10

1. Classify antidiabetic drugs. Write mechanism of action, pharmacological action, therapeutic uses and adverse reactions of metformin
2. Classify antimalarial drugs. Write mechanism of action, therapeutic uses and unwanted effects of chloroquine