


K-4011
Second Year M. B. B. S. Examination
September / October — 2012
Pharmacology : Paper - I

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

-[1] साइड-1 Fillup strictly the details of a- signs on your answer book. Name of the Examination : <input type="text" value="SECOND YEAR M. B. B. S."/>	
Name of the Subject : <input type="text" value="PHARMACOLOGY : PAPER - 1"/>	
Subject Code No. : 1-1 . 0	Section No. (1, 2, ...) : Nil

Seat No. :

771-10-17

Student's Signature

- (2) Write to the point.
- (3) Give suitable examples.
- (4) Draw diagram if necessary.

1 Answer the following briefly:

[9]

1. What is shelf-life of a drug ?
2. Why physostigmine is preferred over neostigmine in belladonna poisoning ?
3. Define an antagonist and give a suitable example.
4. Mention four drugs useful in constipation.
5. What is therapeutic window phenomenon ?
6. Name two ganglion blockers and two ganglionic stimulant drugs.
7. What is the difference between dose and dosage ?
8. Why aspirin is useful at low dose for antiplatelet aggregatory action ?
9. Mention two advantages of home-made ORS.

2 Answer any three of the following:

[9]

1. Enumerate alfa blockers. Mention uses and ADRs of phentolamine.
2. Enlist various drugs used in CCF. Explain mechanism of action and ADRs of digoxin.
3. Compare and contrast ranitidine and omeprazol.
4. Which are various anticoagulants used in vivo ? Mention advantages and uses of LMW heparins.
5. Describe drug therapy for PSVT and Atrial flutter.

3 Answer any four of the following:

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1. Classify antiemetics. Describe the mechanism of action and ADRs of metoclopramide.
2. Outline pharmacotherapy of acute bronchial asthma.

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[Contd....

3. Define adverse drug reaction. Describe various types of ADRs in detail.
4. Enlist various cholinergic agents. Outline therapy for glaucoma.
5. Classify antianginal drugs. Describe mechanism of action, ADRs and uses of nitrates.

4 Answer any two of the following:

[10]

1. What is bioavailability ? Describe various factors affecting bioavailability.
2. Describe synthesis, storage, release and metabolism of noradrenalin with the drugs affecting release process.
3. Classify various adrenergic agents according to their action. Describe various adrenergic drugs useful in the treatment of shock.