



SA-1565

Second Year M. B. B. S. Examination

February / March - 2011

Pharmacology : Paper - I

Time : Hours]

[Total Marks :

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कभववी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="SECOND YEAR M. B. B. S."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="PHARMACOLOGY : PAPER - 1"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="5"/> <input type="text" value="6"/> <input type="text" value="5"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	

- (2) Write to the point.
(3) Draw diagram if needed.
(4) Give example if needed.

1 Answer briefly :

9

- (a) By definition, Partial agonists have _____ efficacy than _____ agonists. (fill in the blank)
- (b) When we can say that spare receptor do exist ?
- (c) Mention two uses of placebo.
- (d) Iron is contraindicated in _____ type of anemia. (Fill in the blank.)
- (e) A patient on _____ should avoid cheese in his diet for fear of _____. (fill in the blank)
- (f) Mention two contraindications of nasal decongestants which are alpha agonistic in nature.
- (g) Why ipratropium and not atropine is preferred for COPD patient ?
- (h) Name the acute reaction seen with metochlopramide. How it is managed ?
- (i) What is "double blind" in a protocol of clinical trial of a drug ?

- 2** Write any **three** : **9**
- (a) Enumerate various therapeutic uses of botulinium toxin. Discuss how it brings benefits for these conditions.
 - (b) Give your comments regarding rationality and limitations on "cough mixtures".
 - (c) Enlist various drugs for angina pectoris. Discuss briefly how nitrates bring benefits for such patient. (Exclude molecular mechanism in your answer).
 - (d) Discuss with suitable examples the concept of competitive and noncompetitive antagonism of drug.
 - (e) Describe with suitable examples the concept of up and down regulation of receptor.
- 3** Answer any **three** : **12**
- (a) Explain with suitable examples how OTC drugs can be hazardous in therapeutics.
 - (b) What is home made ORS ? Describe it's advantages.
 - (c) Enlist various drugs from different categories for peptic ulcer. Describe briefly the drug therapy of non-healing peptic ulcer.
 - (d) What is "thalidomide tragedy" ? What lesson the world had learnt from that ?
 - (e) Enlist various anticoagulants. Discuss briefly the clinical uses and monitoring of anticoagulant therapy.
- 4** Answer any **two** : **10**
- (a) Classify various anticholinergic drugs. Describe their therapeutic uses giving pharmacological basis.
 - (b) Discuss various requirements and limitations of clinical trials.
 - (c) Classify various antihypertensives. Discuss general principles of drug therapy of hypertension. (Your answer should include international society of hypertension (ISH) and JNC-7th report guidelines)
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