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## SA-1565 Second Year M. B. B. S. Examination February / March - 2011 Pharmacology: Paper - I

Pharmacology : Paper - 1					
Time: H	[ours]	[Total Marks:			
Instructi (1)	ons:				
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	ND YEAR M. B. B. S.				
Name of the	e Subject :  MACOLOGY : PAPER - 1				
• Subject Co	·5= 7— —	Student's Signature			
(2) Writ	te to the point.	_			
(3) Drav	w diagram if needed.				
(4) Give	e example if needed.				
1 Ansv	wer briefly :	9			
(a)	By definition, Partial agonists have than agonists. (fill in the blan	•			
(b)	When we can say that spare receptor	do exist ?			
(c)	Mention two uses of placebo.				
(d)	Iron is contraindicated in type in the blank.)	of anemia. (Fill			
(e)	A patient on should avoid cheefear of (fill in the blank)	se in his diet for			
(f)	Mention two contraindications of nasa which are alpha agonistic in nature.	l decongestants			
(g)	Why ipratropium and not atropine is prepatient?	fered for COPD			
(h)	Name the acute reaction seen with me How it is managed?	tochlopramide.			
( <sup>1</sup> ) <b>W</b>	That is "double blind" in a protocol of a drug?	clinical trial of			
SA <sub>-</sub> 1565]	1	[Contd			



2	Write	any	three	:
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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)

SA-1565] 2 [400]