

**M-4011****Second Year M. B. B. S. Examination****December - 2015****Pharmacology : Paper - I**

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

ಶ್ರೀ ಶರಣ - (ಅಭ್ಯರ್ಥಿಗಳು) ತಮ್ಮ ಉತ್ತರದಲ್ಲಿ ಸಹಿ ಮಾಡಿ. Fill up strictly the details of signs on your answer book.		Seat No. :
Name of the Examination :		
SECOND YEAR M. B. B. S.		
Name of the Subject :		
PHARMACOLOGY : PAPER - I		
Subject Code No. :	4 0 1 1	Section No. (1, 2,) :
		NII
		Student's Signature

(2) Answers must be brief, precise and to the point.

(3) Always give suitable examples and draw figures where necessary.

1 Answer very briefly:**9**

- Write down two examples of orphan drugs.
- What is 'desensitization' of receptor? Give two clinical examples.
- What will be the effect on BP if large dose of acetylcholine is given after the administration of atropine? Give the reason for your answer.
- Name four antihypertensives of choice that can be prescribed to a female during pregnancy.
- What is teratogenicity? Name two teratogenic agents.
- Which are the types of aerosols? Give atleast one example of each.
- What is INR? Write down recommended INR for any one indication.
- Why loperamide is not given in children below five years of age?
- Name two diuretics used in the treatment of poisoning.

2 Answer any three :**9**

- Enumerate different types of drug antagonism. Describe in detail receptor antagonism giving suitable examples and figures.
- Describe the mechanism of action of CCBs as antihypertensives. Write suitable indications for which they are prescribed and conditions for which they are avoided.

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- c) Enlist the advantages of second generation H_2 antihistaminics. Describe the therapeutic uses of H_1 antihistaminics giving pharmacological basis.
- d) Write a note on kinetics of elimination.

3 Answer any four :

12

- a) Classify drugs used in cough. Describe in short the non-opioids used in cough.
- b) Write a short note on $\alpha + \beta$ blockers
- c) Enumerate LMWH. Describe therapeutic uses and adverse effects of heparin.
- d) What is therapeutic drug monitoring (TDM)? Explain the situations with examples in which it is useful and is of no value.
- e) Explain briefly about rational drug combinations used for chronic prophylaxis of angina.

4 Answer any two :

10

- a) Enumerate various atropine substitutes. Write in detail about their therapeutic uses giving pharmacological basis.
- b) Classify antiemetic drugs. Describe mechanism of action, uses and adverse effects of any one commonly used class of drugs.
- c) Describe in detail different types of drug interactions giving suitable examples.

