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# RAN-3715

## Second Year M.B.B.S. Examination

### March / April - 2019

### Pharmacology - Paper 2

Time: 2 Hours ]

[ Total Marks: 40

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
 Fill up strictly the details of signs on your answer book

Name of the Examination:  
 Second Year M.B.B.S.

Name of the Subject :  
 Pharmacology - Paper 2

Subject Code No.: 3 7 1 5

Seat No.:

     

Student's Signature

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

(3) Always give suitable examples &amp; draw figures where necessary.

### SECTION - I

1 Answer the following:

10

- a. Why ethanol is used in methanol poisoning ?
- b. By which mechanism lignocaine produces local anaesthesia ?
- c. Name four antifungal agents.
- d. Write four factors affecting choice of antimicrobial therapy.
- e. Mention four uses of tramadol.
- f. Why clavulanic acid is combined with amoxicillin?
- g. Name four drugs useful in treatment of HIV infection.
- h. What is chelating agent ? Give one example.
- i. Which antithyroid drug is safe during pregnancy? Why?
- j. Name two agents useful as sunscreens.

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[ 1 ]

[ P.T.O. ]

- 2 Answer any four of the following : 8
- What is radical cure in relation to malaria? Mention the drug and dosage schedule for the same.
  - Write a short note on enzyme inhibitors in Parkinsonism.
  - Enumerate drugs useful in epilepsy. Mention ADRs of any two.
  - Classify antipsychotic agents. Mention various limitations of antipsychotics.
  - Write a note on central muscle relaxant.

### Section - II

- 3 Answer any four of the following : 12
- Enumerate macrolides. Write their mechanism of action & therapeutic uses.
  - Classify oral hypoglycemic agents. Explain mechanism of action and advantages of pioglitazone.
  - Write a short note on radio-active iodine.
  - Discuss mechanisms of resistance to antimicrobial agents.
  - Discuss drug therapy for STD.
- 4 Answer any two of the following : 10
- Which are the oestrogen receptor modulators? Describe uses and ADRs related to use of OC pills.
  - Classify drugs useful in treatment of tuberculosis. Describe treatment for MDR tuberculosis.
  - Which are the different sources of insulin? Give an account on newer insulin delivery devices. How will you manage hyperosmolar coma ?