



RAN-3715

SECOND YEAR M.B.B.S. Examination

December / January - 2019 / 2020

PHARMACOLOGY PAPER II

Time: 2 Hours]

[Total Marks: 40

સૂચના : / Instructions

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 II

Subject Code No.: 3 7 1 5

Seat No.:

--	--	--	--	--	--

Student's Signature

Section -I

Q.I. Answer very briefly :

10

- Mention two topically used corticosteroids.
- Name two drugs which can be used for medical closure of patent ductus arteriosus.
- Describe the mechanism of action of ethanol in management of methanol poisoning.
- What is second gas effect in relation to general anesthetic agents?
- Name two hepatotoxic antimicrobials.
- Name two drugs useful in the treatment of neurocysticercosis.
- Why is chloroquine useful in hepatic amoebiasis but not in intestinal amoebiasis?
- Explain why gastric lavage is performed in morphine poisoning even if the drug has been taken intravenously.
- Describe the difference between antiseptic and disinfectant giving one example of each.
- Explain how voglibose differs from acarbose

RAN-3715]

[1]

[P.T.O.]

Q.2. Answer any four : **8**

- a) Enumerate the advantages of human insulin over regular insulin.
- b) Describe the role of morphine in LVF.
- c) Comment on fixed dose combination of ampicillin and cloxacillin meant for treatment of infection
- d) Explain mechanism of action of estrogen +progesterone combination as contraceptive drug.
- e) Name one preferred drug each for the following conditions and mention adverse effects of each.
 - i) Tinea solium infection
 - ii) Acute filariasis

Section - II

Q.3. Answer any four of the following: **12**

- a) Enlist different drugs used for the treatment of migraine. Write the drug therapy for an acute attack of migraine.
- b) Describe the management of paracetamol poisoning.
- c) Write a short note on the management of diabetic ketoacidosis.
- d) Describe the mechanism of action, advantages and disadvantages of use of radioactive iodine in hyperthyroidism.
- e) Describe briefly the mechanism of action, uses and adverse effects of rifampicin.

Q.4. Answer any two of the following: **10**

- a) Classify drugs used in treatment of hyperthyroidism. Describe the mechanism of action, and adverse effects of any four drugs (from different groups) that you have mentioned.
 - b) Describe the pharmacotherapy of Parkinsonism.
 - c) Describe the drug therapy of P- falciparum malaria.
-