

Sub center: 9675

PHARMACOLOGY PAPER I

Marks 40

Date: Dec-Jan. 2017-18

Time: 2 hours

Instructions:

1. Figure on the right indicates full marks.
2. Write 2 sections in separate answer books
3. Illegible handwriting will not fetch any marks
4. Mobile or other IT gadget s are not permitted in examination hall.
5. Tobacco products are strongly prohibited during exam.

SECTION I

Q.1 Describe in details about routes of drug administration. [8]

OR

Q.1 Classify beta blockers. Describe therapeutic uses and adverse reactions of beta blockers. [2+4+2=8]

Q.2 Write short notes on any of the two. [3+3=6]

1. Drug therapy of organophosphorous compound poisoning.
2. Adverse reactions seen with nonsteroidal anti-inflammatory agents.
3. Drug therapy of status epilepticus

Q.3 Answer in brief. [1 mark each] [6]

1. Name two contraindications of morphine.
2. Name two routes of drug excretion.
3. Advantages of combining Lignocaine with adrenaline.
4. Which drug is used in the treatment of malignant hyperthermia? What is its mechanism of action?
5. What is specific antidote for methanol poisoning? How it acts?
6. Name two drugs used in the treatment of mania.

SECTION II

Q.4 Describe the drug therapy of myocardial infarction. [8]

OR

Q.4 Describe the drug therapy of acute left ventricular failure with pulmonary edema. [8]

Q.5 Write short notes on any of the two. [3+3=6]

1. Heparin
2. Drug therapy of acute gout
3. Potassium sparing diuretics

Q.6 Answer in brief. [1 mark each] [6]

1. Name two parenteral iron preparations.
2. Name two antihypertensive drugs safe in pregnancy.
3. Why mannitol is not preferred in pulmonary edema?
4. How will you treat bleeding due to (i) warfarin and (ii) streptokinase?
5. Mention two indications of antiplatelet agents.
6. How does d-tubocurarine produce its action?