



HAD-02012138 Seat No. _____

Second Year M. B. B. S. Examination

June / July – 2017

Pharmacology : Paper - I

Time : 2 Hours]

[Total Marks : 40

Instruction : Write both the sections in separate answer sheets.

SECTION – I (20 Marks)

- 1** Answer Any **One** of the following : **8**
- (1) Enlist the factors affecting a drug action. Mention "age" and "gender" in detail.
 - (2) Classify benzodiazapines. Mention their pharmacological action, therapeutic uses, and adverse effects of them.
- 2** Write in short about Any **Two** of the following : **6**
- (1) Pharmacological basis of L-dopa +carbidopa.
 - (2) Non cardiovascular uses of beta blockers.
 - (3) Contraindications of opioid analgesics.
- 3** Answer in brief : **6**
- (1) Name two newer anti epileptic drugs.
 - (2) Neuroleptic malignant syndrome is the adverse effect of which class of drugs? What is the remedy?
 - (3) Name any two drugs having combined $\alpha + \beta$ blocking action.
 - (4) Name the dissociative anesthetic agent. Why it is called so?
 - (5) Name the antidepressant which is suitable for the patients who wants to quit smoking.
 - (6) Name the drug which can be given by intradermal route.

SECTION – II (20 Marks)

- 4** Answer Any **One** of the following : **8**
- (1) Classify antiplatelets drugs. Describe mechanism of action, adverse drug reaction and therapeutic uses of Clopidogrel.
 - (2) Classify diuretics. Describe mechanism of action, therapeutic uses and adverse drug reaction of high ceiling diuretics.
- 5** Write in short about Any **Two** of the following : **6**
- (1) Adverse effects of angiotensin Converting enzyme inhibitors.
 - (2) Mechanism of action of oral anticoagulant.
 - (3) Medical management of pregnancy induced hypertension.
- 6** Answer in brief : **6**
- (1) Mention the antidote for curare overdose.
 - (2) Name the antidote for heparin overdose.
 - (3) Mention the drug of choice with justification for hypertensive emergency.
 - (4) Mention the pharmacological basis and use of simvastatin.
 - (5) Name any two longer acting local anaesthetic agents with their mechanism of action.
 - (6) Name two calcium channel blockers used for supraventricular tachyarrythmias.
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