

Date: 04-07-2017

0717 E066

Second Year MBBS Examination

II MBBS Pharmacology Paper 1

Time: 2 hours

Max Marks: 40

Instructions:

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

1. Write briefly (any two) (10)

a) Classify sympathomimetic drugs.

Describe pharmacological actions, clinical uses and adverse effects of epinephrine. (A.129, 130)

b) Classify drugs for migraine.

Describe pharmacological actions, therapeutic uses and adverse effects of sumatriptan. (A. 176,178 B. 333)

c) Classify opioid analgesics. Describe pharmacological actions of morphine on central nervous system and smooth muscles with their clinical implications. (A. 483, B. 151)

2. Write briefly (any three) (12)

a) Compare and contrast d-tubocurarine and succinylcholine(A. 353, B. 312)

b) Atypical antipsychotics (A. 441, B. 195)

c) Drug antagonism and its clinical relevance(A. 57, B. 38)

d) Clinical uses of alpha blockers(A. 150, B. 277)

3. Write briefly (any three) (12)

a) Uses and techniques of local anesthesia(A. 363, B. 241)

b) Rivastigmine (A.489)

c) Clinically useful prostaglandin analogues (A. 189, B. 343)

d) Compare and contrast hydrochlorthiazide and frusemide(A. 579, B. 556)

4. Answer in one or two sentences (any six): (6)

a) Pharmacological basis for the use of
aminophylline in bronchial asthma

- b) Pharmacological basis for the use of benzhexol in drug induced parkinsonism
- c) Pharmacological basis for the use of pralidoxime in organophosphorous poisoning(A. 110, B. 289)
- d) Pharmacological basis for the use of adenosine in treatment of paroxysmal supraventricular tachycardia.
- e) Pharmacological basis for the use of dobutamine in cardiogenic shock
- f) Pharmacological basis for the use of N-acetylcystine in acute paracetamol toxicity in children.
- g) Pharmacological basis for the use of edrophonim in diagnosing myasthenia gravis.

h) Pharmacological basis for the use of disulphiram in chronic alcoholism

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