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B.P.T. [2nd Prof.]

BF/2007/12

Pharmacology

M.M. : 90

Time : 3 Hours

Section - A

All questions are compulsory. Answer to each question upto 5 lines in length. Each question carries 2 Marks.

[20]

Explain why?

1. Lignocaine is combined with adrenaline for local anaesthesia.
2. Metronidazole is generally added to ampicillin for treatment of deep abscess.
3. Glycerol trinitrate is given sublingual in acute Angina pectoris.
4. Succinyl Choline produces prolonged apnoea in some patients during surgery.
5. Timolol is used in treatment of Glaucoma.
6. Neostigmine is preferred over physostigmine in Myasthenia gravis.
7. Pyridoxin is combine with Isoniazid.
8. Clavulinic acid is combined with with amoxycillin.
9. Antiepileptic therapy should not be withdrawn abruptly.
10. Multidrug therapy is used in tuberculosis.

Section - B

Attempt any 8 questions. Answer to each question upto 2 pages in length. Each questions carries 5 Marks.

[40]

1. Discuss in brief the pharmacotherapy of Organophosphorus poisoning.
2. Write short note on Ketamine.
3. Describe mechanism of action and uses of Clonidine.
4. Describe briefly the pharmacological basis of therapeutic uses of Carbamazepine.
5. Discuss in brief the mechanism of action, uses and adverse effects of Omeprazole.
6. Give a brief account of Metronidazole.
7. Explain the drug management of Methyl alcohol poisoning.
8. Discuss in brief the therapeutic uses and adverse effects of Methimazole.
9. Briefly describe the adverse effects and contraindications of Propranolol.
10. Give outline of the drug management of diabetic ketoacidosis.
11. Define Teratogenicity with suitable examples of drugs responsible for causing teratogenicity.
12. Write short note on Co-trimoxazole.

Section - C

Attempt any 2 questions. Answer to each question upto 5 pages in length. Each questions carries 15 Marks.

[30]

1. Discuss the drugs used for the relief of Angina Pectoris along with their limitations for their uses.
 2. Discuss Transdermal drug delivery system. What are the main advantages and disadvantages of this system.
 3. Enumerate Sulfonyl ureas. Describe mechanism of actions, uses, side effects and drug interactions of Glimperide.
 4. Classify the drugs used in Hypertension. Give pharmacotherapeutic details of ACE-inhibitors.
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