Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Neuro Science Technology Degree Examination – OCT-2019

Time: Three Hours   **Max. Marks: 80 Marks**

Pharmacology Related to Neuroscience Technology
Q.P. CODE: 2844

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)   **2 x 10 = 20 Marks**

1. Classify drugs antihypertensive drugs. Write the therapeutic uses and adverse effects of thiazide diuretics.
2. Explain the mechanism of action of local anesthetics. Give three examples. Indicate the side effects and precautions to be taken while injecting them.
3. Enumerate antianginal drugs. Write the therapeutic uses and adverse effects of organic nitrates.

SHORT ESSAYS (Answer any Six)   **6 x 5 = 30 Marks**

4. Digoxin.
5. Stretokinase.
6. Atropine
7. Plasma expanders.
8. Treatment of metabolic acidosis
9. Paracetamol
10. Erythromycin
11. Oral route of drug administration.

SHORT ANSWERS (Answer any Ten)   **10 x 3 = 30 Marks**

12. Name three drugs prescribed in bronchial asthma.
13. Enumerate three immunosuppressants.
14. Advantages of intravenous route of drug administration.
15. Name three antiarthymic drugs.
16. Drugs used in cardiogenic shock
17. Name three general anesthetic agents.
18. Name three opioid analgesics.
19. Reason why potassium chloride is given with digitalis and furosemide
20. Enumerate three drugs used in treatment of shock.
21. Name two anti anginal drugs and indicate one side effect.
22. Mention three important routes of drug excretion
23. Name three muscle relaxants.

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