

**S.NO: 22N1- UBI**

**Course Code: BBI**

**A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM**

**(AUTONOMOUS)**

**B.Sc (Biochemistry) Degree Examination**

**V Semester – November – 2022**

**CC IX – PHARMACEUTICAL BIOCHEMISTRY**

**Time: 3 hours**

**Maximum Marks: 75**

**Section –A**

**10X2=20**

Answer **ALL** the Questions

1. What is herbal drug?
2. What is passive diffusion of drug?
3. Define First-pass effect.
4. Name any two drug metabolizing enzymes.
5. Write a note on chloroquine.
6. State beta-lactamases.
7. Define allergy.
8. What is alcoholism?
9. Name any two gaseous anaesthetics.
10. What is cocaine?

**Section -B**

**5X5=25**

Answer **ALL** the Questions

11. a) Classify the drugs based on their source.

**(or)**

b) Analyse the role of kidney in the elimination of drug.

12. a) Discuss the role of cytochrome during drug metabolism.

**(or)**

b) Explain the non microsomal reactions of drug metabolism.

13. a) Describe the mode of action of chloromphenicol.

**(or)**

b) Describe the mechanism of action of chloroquine .

14. a) Illustrate five adverse effects of drugs.

**(or)**

b) Mention the three causes and three symptoms of drug intolerance.

15. a) Give notes on local anaesthetic and its significance.

**(or)**

b) Discuss about cocaine and its advantages.

**Section -C**

**3 X 10 = 30**

Answer any **THREE** Questions

16. What is drug? Classify drugs based on their site of action.
17. Give notes on phase I and phase II reactions of drug metabolism.
18. Explain about the mechanism of drug resistance in bacteria.
19. Discuss five biological effects of drug abuse.
20. Illustrate the types and role of disinfectants and antiseptics .

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