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Course Name: MSc Toxicology, Semester-III End term Examination (2022-23)

Paper Name: Lab Course-III
Time: 30 mins

Paper Code: MTX-304
Maximum Marks: 20

1. What is irritation potential? (1)
2. Draize scale for erythema and edema _____. (1)
3. Name the substrate for GST activity measurement? (1)
4. Write down the name of electron donor that participate during the conversion of oxidised to reduced form of glutathione? (1)
5. What is the function of Phenol: Chloroform: Isoamyl alcohol in DNA isolation? (1)
6. Write a role of intercalating agent in Agarose Gel Electrophoresis also write its principle. (2)
7. Monoamine oxidase belongs to which flavin protein family? (1)
8. Write the principle of AChE? (2)
9. Write down the catalytic mechanism of SOD? (2)
10. Na⁺-K⁺ ATPase catalyses the hydrolysis of ATP to ADP and uses the energy to extrude _____ from the cell and take _____ into the cell? (1)
11. How Na⁺-K⁺ ATPase helps in maintaining resting potential? (2)
12. Explain different scores of grip strength? (2)
13. What is the unit of glutathione? (1)
14. How conformation of DNA affects DNA migration in gel electrophoresis? (2)