

School of Medical and Allied Sciences**B.Sc Medical Lab Technology
Semester End Examination - Jun 2024****Duration : 180 Minutes
Max Marks : 100****Sem VI - BMLS6006 - BMLS6003 - Applied Clinical Biochemistry-II**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

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| 1) | Define auto analyzer | K1(2) |
| 2) | Demonstrate What is the principle behind rapid diagnostic tests (RDTs)? | K2(4) |
| 3) | Summarize and explain How is CPK distributed in various tissues and organs? | K2(6) |
| 4) | Organize How are CPK isoenzymes useful in clinical diagnosis? | K3(9) |
| 5) | Organize What is the significance of blank samples in alkaline phosphatase assays? | K3(9) |
| 6) | Justify What are the clinical implications of elevated acid phosphatase levels? | K5(10) |
| 7) | Categorize Describe the role of ApoB in the assembly and secretion of lipoproteins. | K4(12) |
| 8) | Evaluate How does hypothyroidism differ from hyperthyroidism in terms of T3, T4, and TSH levels? | K5(15) |
| 9) | Evaluate What are the different types of glucose tolerance tests, and how do they differ? | K5(15) |
| 10) | what are the Discreate Analayzer and CFP | K6(18) |