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Subject Title: Medical Lab Technology

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Year: II

Semester: IV

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Unit - I:

Essay questions

1. Write about the basic principle of clinical laboratories and equipments?
2. Explain the physical and chemical examinations of urine sample?
3. Explain the complete blood picture examination of blood sample?

Short answers

4. Coombs test
5. G6PD deficiency
6. Sickling test
7. Osmotic fragility
8. Clinical Enzymology

Unit - II:

Essay questions

9. Explain the basic principles of culturing methods with an example? (AFB culture)
10. Explain the isolation of bacteria from blood and throat swabs
11. Write about the identification of different bacteria in clinical samples?

Short answers

12. Tumour markers
13. VDRL test
14. WIDAL test
15. HIV
16. Identification of corynebacteria
17. Identification of gram negative bacteria