

INSTITUTE OF LIFE SCIENCE

**Module 1
Biochemistry**

**Module 2
Microbiology**

Lab Training Syllabus

**Module 3
Haematology
&
Urology**

**Module 4
Molecular
Biology**

Module 3: Haematology & Urology

Duration: 15 Days, Fee: 3,500 + GST

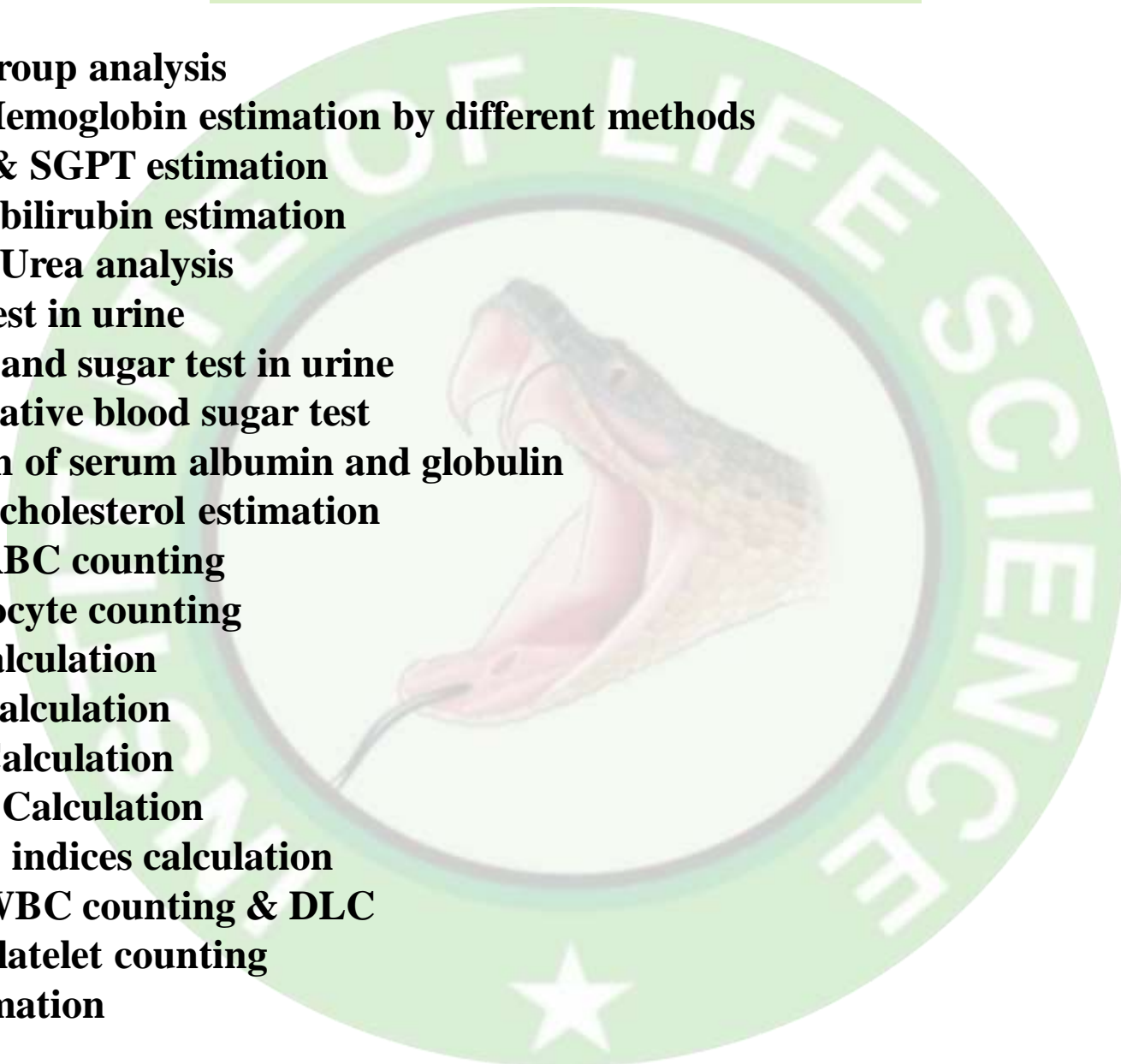
- 1. Blood group analysis**
- 2. Blood Hemoglobin estimation by different methods**
- 3. SGOT & SGPT estimation**
- 4. Plasma bilirubin estimation**
- 5. Plasma Urea analysis**
- 6. Sugar test in urine**
- 7. Protein and sugar test in urine**
- 8. Quantitative blood sugar test**
- 9. Isolation of serum albumin and globulin**
- 10. Plasma cholesterol estimation**
- 11. Blood RBC counting**
- 12. Blood WBC counting & DLC**
- 13. Blood platelet counting**
- 14. Plasma uric acid estimation**
- 15. Calcium estimation in blood**
- 16. Detection of phenylpyruvate in urine**
- 17. Detection of ketone bodies in urine**



Module 3: Haematology & Urology

Duration: 30 Days, Fee: 5,500 + GST

- 1. Blood group analysis**
- 2. Blood Hemoglobin estimation by different methods**
- 3. SGOT & SGPT estimation**
- 4. Plasma bilirubin estimation**
- 5. Plasma Urea analysis**
- 6. Sugar test in urine**
- 7. Protein and sugar test in urine**
- 8. Quantitative blood sugar test**
- 9. Isolation of serum albumin and globulin**
- 10. Plasma cholesterol estimation**
- 11. Blood RBC counting**
- 12. Reticulocyte counting**
- 13. PCV Calculation**
- 14. MCV Calculation**
- 15. MCH Calculation**
- 16. MCHC Calculation**
- 17. Red cell indices calculation**
- 18. Blood WBC counting & DLC**
- 19. Blood platelet counting**
- 20. PT estimation**



- 21. Plasma uric acid estimation**
- 22. Calcium estimation in blood**
- 23. Typhoid test**
- 24. Dengue test**
- 25. HIV Test**
- 26. Detection of phenylpyruvate in urine**
- 27. Detection of ketone bodies in urine**
- 28. Demonstration of hemoparasites like malaria, filaria**
- 29. Staining bone marrow cells**
- 30. Microscopic examination of urine**
- 31. To perform thrombin time**
- 32. Examination of sputum**
- 34. To Perform ASO Test**

