

Lab Requirements for LT– 02

- | | |
|---|---------------------------------------|
| 1. Autoclave | 1.5 volt dry cell (stimulator) with |
| 2. Pressure cooker | Electrodes attached to it |
| 3. Microtome knives | Muscle lever |
| 4. Dissecting kit | Double hook |
| 5. Hot air oven | Femur Clamp and Stand |
| 6. Incubator, Water bath, Centrifuge | 5 gm weight |
| 7. Scissors | Recording stylus |
| 8. Coplin jars or wide mouth bottles | 40. Injection syringe and needle |
| 9. 100 ml beakers | 41. Board made of soft wood |
| 10. Scalpel | 42. Pins |
| 11. Nylon nets | 43. String |
| 12. Large clean jars or buckets | 44. Compound Microscope and |
| 13. Shallow white pans or papers | Dissection Microscope |
| 14. Trowel | 45. Illuminator or lamp |
| 15. A bucket | 46. Slide micrometer graduate in 0.1 |
| 16. Flashlight torch (for night collection) | mm or 0.01 mm units |
| 17. Blunt-end forceps | 47. Microscope fitted with Abbe |
| 18. Insect-collecting net | condenser and usual objectives |
| 19. Killing jar | 48. Oil immersion objective lens |
| 20. Light sources such as an electric | 49. Analytical balance |
| bulb (~200 W) or a lantern lamp. | 50. 100 ml Graduated cylinder Round |
| 21. A transparent vial made of glass or | flask |
| plastic | 51. Graduated measuring cylinders of |
| 22. Rubber stopper with two holes | 50 ml, 100 ml |
| 23. Two glass tubes each with a bend | 52. Round flask of 150 ml capacity |
| 24. Rubber tube | 53. Burner |
| 25. Small piece of muslin cloth | 54. Cover slips, slides, slide labels |
| 26. An empty glass bottle with an air- | 55. Disposable spatula or tooth pick |
| tight lid | 56. Pipette, glass dropper |
| 27. Potometer | 57. Methyl green Acetocarmine |
| 28. Stop watch | 58. Petridishes, Beakers, Slides, |
| 29. 500 ml conical flask | Coverslips, Slide labels |
| 30. 25 ml test tube | 59. Dissection trays |
| 31. T – tube | 60. Petridishes |
| 32. Pinch clip | 61. Dissection kit |
| 33. 1 mm diameter graduated pipette | 62. 500 ml Beaker |
| 34. Wire gauze | 63. 500 ml Erlenmyer flask |
| 35. Thermometer | 64. Petriplates |
| 36. 250 – 500 ml beaker | 65. Test tubes |
| 37. 15- 25 ml test tube | 66. Metal loop |
| 38. Cork borer | 67. pH meter/pH paper |
| 39. Kymograph Recording System | 68. Electronic Balance |
| Consisting of: | |
| Kymograph apparatus | |