

Zoology 2022-23

LIST OF CHEMICALS, GLASSWARES, EQUIPMENTS

| Sl.No | Item | Specifications | Number s required |
|-------|---------------------|-----------------------------------|-------------------|
| 1 | Compound Microscope | 10x & 40x magnification (Orbit) | 3 |
| 2 | Dissection tray | 12' x 10" size (metal) | 60 |
| 3 | Dissection hammer | metal | 60 |
| 4 | Dissection board | 9" x 6" (wood with metal beading) | 60 |
| | | | |

List of Chemicals

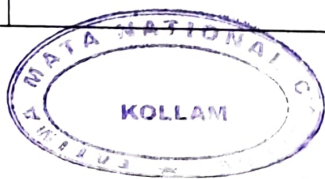
| | | | |
|-----|---|---|----|
| 5. | Whatman No.1 Filter paper | Grade 1 Chromatography Paper 6 x 0.75 Inches for Laboratories | 50 |
| 6. | Con.H ₂ SO ₄ | (Con. Sulphuric acid)500 ml | 2 |
| 7. | Glacial Acetic acid,500 ml | Glacial Acetic acid,500 ml | 2 |
| 8. | N- Butanol | 500 ml | 2 |
| 9. | Ninhydrin | 10 gm | 1 |
| 10. | Chloroform | 500 ml | 2 |
| 11. | Potassium iodide | 100 gm | 1 |
| 12. | Con.HNO ₃ (Con. Nitric acid) | 500 ml | 2 |
| 13. | Sodium thiosulphate | 500 gm | 1 |
| 14. | Potassium Hydroxide | 500 gm | 2 |
| 15. | NaCl | 500 gm | 2 |
| 16. | Methylene Blue | 200 ml | 2 |
| 17. | Black paper | 3 roll | 2 |
| 18. | HCl | 500 ml | 2 |
| 19. | Potassium permanganate | 500 gm | 1 |
| 20. | Starch | 500 gm | 1 |
| 21. | Filter paper | 3 boxes | 3 |
| 22. | Anthrone | 25 gm | 3 |



| | | | |
|-----|--------------------------|--------------------|------|
| 23. | Blotting paper | 50 number (1 pack) | 3 |
| 21. | Nutrient broth | 100 gm | 3 |
| 22. | Diphenylamine | 250 gm | 1 |
| 23. | Pig spleen DNA | 1gm | 1 |
| 24. | Folin Phenol Reagent | 250 ml | 3 |
| 25. | Perchloric acid | 500 ml | 2 |
| 26. | Bovine serum Albumin | 10 gm | 1 |
| 27. | Liquid Formalin solution | 1L | 15 L |
| 28. | SDS | 100 gm | 1 |

List of Glass wares

| | | | |
|-----|--|------------------------|--------|
| 29. | Cavity block | 10 numbers | 10 |
| 30. | Test tubes Large | 100 numbers | 75 |
| 31. | Beaker | 100ml | 10 |
| 32. | Beaker | 500 ml | 10 |
| 33. | Conical flask | 250 ml | 10 |
| 34. | Petridish | glass | 60 |
| 35. | BFC Borosilicate Glass Pipette Graduated - 1ml, 2ml, 5ml, 10ml with Pipette Bulb (Pack of 4) | 1 ml, 2 ml, 5ml, 10 ml | 3 pack |
| 36. | Glass slides | 5 boxes | 5 pack |
| 37. | BOD Bottles | 300 ml | 15 |
| 38. | The First Lab Round Base Test Tubes Without Marking With Cork Lid, Borosilicate Glass, Size 25mm | (Pack of 12) | 5 pack |
| 39. | Spatula | Stainless steel | 10 |
| 40. | Glass rods | | 20 |
| 41. | Inoculation Loop and holder | Nichrome loop | 20 |



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