

# Zoology

## (I) CONSUMABLE ITEMS

### A. MOUNTING MATERIAL

	Quantity
1. Gemmule	5 tube
2. Spicules of sponge	5 tube
3. Hydra with bud	5 tube
4. Obelia colony	5 tube
5. Obelia medusa	5 tube
6. Tubularia	5 tube
7. Sertularia	5 tube
8. Miracidium	5 tube
9. Cercaria	5 tube
10. Metacercaria	5 tube
11. Redia	5 tube
12. Ancylostoma male	5 tube
13. Ancylostoma female	5 tube
14. Cypris	5 tube
15. Cyclopes	5 tube
16. Daphnia	5 tube
17. Mysis (small)	5 tube
18. Zoea	5 tube
19. Glochidium	5 tube
20. Ctenoid scale	5 tube
21. Cycloid scale	5 tube
22. Ganoid scale	5 tube
23. Pedicellaria	5 tube
24. Bipinnaria larva	5 tube
25. Trochophore	5 tube
26. Amphioxus	5 tube
27. Striped muscles	5 tube
28. Smooth muscles	5 tube
29. Lucifer	5 tube
30. Scolex of Taenia	5 tube
31. Onion root tip – for mitosis	5 tube
32. Onion bud – for meiosis	5 tube
33. Grasshopper testes – for meiosis	5 tube

### B. PERMANENT SLIDES

	Quantity
1. Amoeba	1 Pc.
2. Obelia medusa	1 Pc.
3. Ephyra	1 Pc.
4. Polystomum	1 Pc.
5. Anopheles mouth parts- male	1 Pc.
6. Anopheles mouth parts- female	1 Pc.
7. Ctenocephalus( dog flea )	1 Pc.
8. Glochidium larva	1 Pc.
9. Doliolum	1 Pc.
10. Salpa	1 Pc.
11. Oikopleura	1 Pc.
12. Pyrosoma	1 Pc.
13. Cotugnia mature proglottid	1 Pc.

14. Cotugnia gravid proglottid	1 Pc.
15. Eutyphius	1 Pc.
16. Haematopinus (cattle louse )	1 Pc.
17. Velleger larva	1 Pc.
18. Bipinnaria larva	1 Pc.
19. Tornaria larva	1 Pc.
20. Different stages of Mitosis	1 Pc.
21. T.S. of thyroid gland of mammal	1 Pc.
22. T.S. of pancrease of mammal	1 Pc.
23. Mammal T.S. of stomach	1 Pc.
24. Mammal T.S. of ileum	1 Pc.
25. Mammal T.S. of Duedenum	1 Pc.
26. Mammal T.S. of large intestine	1 Pc.
27. Mammal T.S. of rectum	1 Pc.
28. Mammal V.S. of skin	1 Pc.
29. Frog T.S. of stomach	1 Pc.
30. Frog T.S. of ileum	1 Pc.
31. Frog T.S. of Duodenum	1 Pc.
32. Frog T.S. of large intestine	1 Pc.
33. Frog T.S. of rectum	1 Pc.
34. Frog V.S. of skin	1 Pc.
35. Leishmania	1 Pc.
36. Giardia	1 Pc.
37. T.S. of Mammalian Brain	1 Pc.
38. T.S. of Mammalian Spinal Cord	1 Pc.
39. Lampbrush Chromosome	1 Pc.
40. Polytene Chromosome	1 Pc.
41. T.S. of Mammalian Bone	1 Pc.
42. T.S. of Mammalian Cartilage	1 Pc.
43. Woucheria	1 Pc.
44. Enterobius male	1 Pc.
45. Enterobius female	1 Pc.
46. Opelina	1 Pc.
47. Monocystis	1 Pc.
48. Loa-Loa	1 Pc.
49. Entamoeba	1 Pc.
50. Mammalian Blood film	1 Pc.
51. Amphibian Blood film	1 Pc.
52. Cardiac muscle	1 Pc.
53. Striated muscl	1 Pc.
54. Unstriated muscle	1 Pc.
55. Barr body	1 Pc.
56. Nerve cell	1 Pc.
57. Epithelial cells	1 Pc.
58. Drosophila (Male) whole mount	1 Pc.
59. Drosophila (Female) whole mount	1 Pc.
60. Plant Parasite Nematodes	
a) Meloidodyne	1 Pc.
b) Heterodera	1 Pc.

### C. SPECIMENS

	Quantity
1. Physalia	1 Pc.
2. Hyalonema	1 Pc.
3. Thyroglytus	1 Pc.
4. Peripatus	1 Pc.
5. Chimaera	1 Pc.
6. Pristis	1 Pc.
7. Dero	1 Pc.
8. Eutyphius	1 Pc.
9. Heamodipsa	1 Pc.
10. Lycosa( wolf spider )	1 Pc.
11. Antennarius	1 Pc.
12. Anguilla	1 Pc.
13. Scylla	1 Pc.
14. Margaritifera	1 Pc.
15. Necturus	1 Pc.
16. Haematopinus (cattle louse )	1 Pc.
17. Rallicina	1 Pc.
18. Catla	1 Pc.

### D. DISSECTING ANIMAL

	Quantity
1. Aplysia	100 Pc.
2. Loligo	100 Pc.
3. Sepia	100 Pc.
4. Sea urchin	100 Pc.
5. Holothuria	100 Pc.
6. Torpedo	100 Pc.
7. Sting ray	100 Pc.

### E. CHEMICALS

	Quantity
1. Stannous chloride	250 gm
2. Glacial acetic acid	01 Litre
3. Methylene blue	250 ml
4. Acetocarmine	500 ml
5. Glycerine	01 Litre
6. Concentrated Sulphuric acid (40%)	500 ml
7. Diphenyl Amine	250 ml
8. Propanol -2	01 Litre
9. Ammonia Solution	01 Litre
10. Heym's Solution	500 ml
11. Methylamine hydrochloride	250gm
12. Folgers's reagent	500 ml
13. Seliwanoff's reagent	500 ml
14. Urea	500 gm
15. Fructose	500 gm
16. Sucrose	500 gm
17. Resorcinol	500 gm
18. Glycogen	500 ml
19. $\alpha$ - Naphthol	500 ml
20. Sodium hypobromide	500 gm
21. Mercuric Sulphate	250 gm
22. Sodium Nitrite	205 gm
23. Glyoxalic reagent	250 mg
24. Mercuric Chloride	250 gm
25. Sodium Chloride (100% pure)	250 gm

26. Sodium Sulphate	500 gm
27. Gentian Violet	250 ml
28. Lithium Carbonate	100 gm
29. Methanol (Methyl Alcohol)	1 Litre
30. Methylene Blue	250 ml

## (II) NON-CONSUMABLE ITEMS

### F. MODEL

### Quantity

- |   |       |
|---|-------|
| 1. Bead and String model of Nucleotides | 1 Pc. |
| 2. Bead and String model of Amino acids | 1 Pc. |
| 3. Bead and String model of Dipeptides  | 1 Pc. |

### G. INSTRUMENTS

### Quantity

- |  |              |
|--|--------------|
| 1. Spirit lamp ( aluminium )           | 6 Pc.        |
| 2. Stethoscope (Best Quality)          | 1 Pc.        |
| 3. Micropipette tips (200 ml)          | 1 small pack |
| 4. Microscope Slide holder/adjustor    | 20 Pc.       |
| 5. Haemoglobin meter                   | 1 Pc.        |
| 6. Glucometer                          | 1 Pc.        |
| 7. Hygrometer                          | 1 Pc.        |
| 8. Plastic Hammer for Knee jerk reflex | 1 Pc.        |
| 9. TDS – Meter                         | 1 Pc.        |
| 10. BOD- Meter                         | 1 Pc.        |
| 11. Digital PH Meter                   | 1 Pc.        |
| 12. Dissolve CO <sub>2</sub> Meter     | 1 Pc.        |
| 13. Compass                            | 1 Pc.        |

### H. LABORATORY GLASS WARE & OTHERS

### Quantity

- |   |         |
|---|---------|
| 1. Test tube (capacity 20ml)                      | 400 Pc. |
| 2. Test tube (capacity 40ml)                      | 400 Pc. |
| 3. Rectangular glass jar for paper chromatography | 1 Pc.   |
| 4. Chromatography paper                           | 1 pack  |
| 5. Reagent Racks ( Plastic )                      | 50 Pc.  |
| 6. Cavity Slide                                   | 25 Pc.  |
| 7. Reagent bottles ( Glass )                      | 100 pc. |
| 8. P <sup>H</sup> - Paper Strips (Broad range)    | 1 Pack  |
| 9. P <sup>H</sup> - Paper Strips (Narrow range)   | 1 Pack  |