

A. B. N. Seal College, Cooch Behar
Post Graduate Department of Zoology

Lists of chemicals, glass goods, instruments, Lab. materials, Class work materials, slides and specimens (As per Notice No.: 216/17, Dated: 15. 09. 2017 and Memo No.: 697/17, Dated: 15. 09. 2017, Tender Notice No.: 01, Dated: 09. 11. 2017)

| Sl. Number | Name of the chemical (Himedia/Nice/SRL) | Quantity |
|-------------------|--|-----------------|
| 1 | X- Gal | 100 mg |
| 2 | Leishman's stain | 500 mL |
| 3 | RBC diluting fluid | 500 mL |
| 4 | WBC diluting fluid | 500 mL |
| 5 | N/10 HCl | 500 mL |
| 6 | Ethanol (absolute) | 100 mL x 10 |
| 7 | Rectified spirit | 1000 mL x 2 |
| 8 | Glacial acetic acid | 500 mL |
| 9 | Conc. HCl | 500 mL |
| 10 | Conc. H ₂ SO ₄ | 500 mL |
| 11 | Xylene | 500 mL |
| 12 | DPX | 250 mL |
| 13 | Methanol | 500 mL |
| 14 | Butanol | 500 mL x 4 |
| 15 | Acetone | 500 mL x 2 |
| 16 | Isopropyl alcohol | 500 mL |
| 17 | Hematoxylin | 10 bottles |
| 18 | Alcoholic Eosin | 500 mL |
| 19 | Cedar wood oil | 100 mL |
| 20 | Folin & Ciocalteus Phenol (FCP) Reagent | 100 mL x 3 |
| 21 | Chloroform | 500 mL |
| 22 | Paraffin (58-60°C) | 2 box |
| 23 | Formaldehyde | 500 mL x 10 |
| 24 | Giemsa stain | 500 mL |
| 25 | Silver nitrate | As per Make |
| 26 | Magnesium salt of EDTA | As per Make |
| 27 | Ammonium molybdate | As per Make |
| 28 | Potassium antimonyl tartarate | As per Make |
| 29 | Mono potassium phosphate | As per Make |
| 30 | Potassium nitrate | As per Make |
| 31 | Sulphanilimide | As per Make |
| 32 | N-Ethylene diamine dihydrochloride | As per Make |
| 33 | Sodium nitrite | As per Make |
| 34 | Na ₂ SiF ₆ | As per Make |
| 35 | Acid molybdate (Ammonium hepta molybdate) | As per Make |
| 36 | Potassium peroxy disulphate | As per Make |
| 37 | Sodium carbonate | As per Make |

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| 38 | Copper sulphate | As per Make |
| 39 | Sodium Potassium tartarate | As per Make |
| 40 | Phospho molybdate acid | As per Make |
| 41 | Sodium tungstate | As per Make |
| 42 | H ₂ SO ₄ | As per Make |
| 43 | Fructose | As per Make |
| 44 | Glycerol | As per Make |
| 45 | Rtis-base | As per Make |
| 46 | Boric acid | As per Make |
| 47 | E. coli JM109 | 1 Pack |
| 48 | Alpha DNA Hind III Digest | 50 mg |
| 49 | Alpha DNA/ECORI & Hind III Double digest | 50 mg |
| 50 | High range DNA Ruler (Ready to use: 100 bp-10 kb) | 10 mg |
| 51 | Agarose (Molecular Biology Grade) | 50 gm |
| 52 | Lysozyme | 500 mg |
| 53 | Proteinase K | 50 mg |
| 54 | RNase A | 50 mg |
| 55 | dNTP mix | 250 U |
| 56 | Taq. pol | 250 U |
| 57 | Primer (Human) | 250 U |
| 58 | ECORI | 250 U |
| 59 | Hind III | 4000 U |
| 60 | Restriction Buffer set | 1 Unit |
| 61 | IPTa | 500 mg |
| 62 | X Gel | 100 mg |
| 63 | Ammonium per sulphate | 100 mg |
| 64 | Acralamide | 100 gm |
| 65 | Bis Acralamide | 10 gm |
| 66 | Saturated phenol | 100 ml |
| 67 | Ficoll | 10 gm |
| 68 | Protein molecular marker (Ready to use) | 0.5 ml |
| 69 | p ^{BR322} | 10 mg |
| 70 | Bromophenol Blue | As per Make |
| 71 | Xylene Cyamal | As per Make |
| 72 | Ampicilin | 1 gm |
| 73 | RPMI | As per Make |
| 74 | Agar | As per Make |
| 75 | Loria Broth | As per Make |
| 76 | Plasmid Mini preparation isolation kit | As per Make |

Requisition for equipments and laboratory materials:

| Sl. No. | Name of item | Quantity |
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| | | |
|----|---|---------|
| 1 | Haemocytometer | 8 pcs |
| 2 | Haemometer | 8 pcs |
| 3 | Capillary tube | 2 pkt |
| 4 | Groove slide | 4 pkt |
| 5 | Normal slide | 15 pkt |
| 6 | Cover slip | 10 box |
| 7 | Test tube | 200 pcs |
| 8 | Centrifuge tube (15 mL) | 1 box |
| 9 | Centrifuge tube (50 mL) | 1 box |
| 10 | Blotting paper | 50 pcs |
| 11 | Filter paper | 50 pcs |
| 12 | Aluminium foil | 3 foils |
| 13 | Chromatography paper (Whatman No. 1) | 500 pcs |
| 14 | Lancet needles | 500 pcs |
| 15 | Cotton (large) | 3 pcs |
| 16 | Syringe | 10 pcs |
| 17 | Disposable needle | 10 pcs |
| 18 | Hand Gloves (rubber) | 4 sets |
| 19 | Dissection Box | 2 sets |
| 20 | Table lamp (LED) | 25 Pcs |
| 21 | Insect Pins | 5 boxes |
| 22 | Petri dish (Large size Tarsons) | 50 Pcs |
| 23 | Digital water and salt analysis kit | 2 Pcs |
| 24 | J- Column (Copper-cadmium column) | 4 Pcs |
| 25 | YF-S201 Water flow sensor (Flow meter) | 4 Pcs |
| 26 | L-Spreader | 6 Pcs |
| 27 | Round Bottle (15 ml Plastics) | 6 Pcs |
| 28 | Parafilm | 1 Pc |
| 29 | TLC silica gel 60 | 1 Unit |
| 30 | Micro pipette (10-100 ml) | 4 Pcs |
| 31 | Micro Pipette (0.5 – 10 ml) | 4 Pcs |
| 32 | Binocular Dissecting Microscope | 4 Pcs |
| 33 | Gel shaker (Remi) | 1 Pc |
| 34 | Vortes Mixer (Remi) | 1 Pc |
| 35 | Digital Balance with Cover (Minimum 10 mg+-0.001 sensitivity of +-0.01 Sensitivity) | 1 Pc |
| 36 | Water bath with Temp. control & circulation (6 Hole) | 1 Pc |
| 37 | Hot plate (Quick heating) | 1 Pc |
| 38 | LED digital projector (Sony/Epson) | 1 Pc |
| 39 | 1' Iron Peg with carrying cover | 12 Pcs |
| 40 | Khurpi | 1 Pc |
| 41 | Burette set with stand | 5 Pcs |

Requisition for Specimens and Class Work Materials

| Sl. No. | Name of specimen | Quantity |
|---------|-------------------------------------|--------------|
| 1 | <i>Porpita</i> | Single |
| 2 | <i>Tubipora</i> | Single |
| 3 | <i>Physalia</i> | Single |
| 4 | <i>Hydra</i> | Single Slide |
| 5 | <i>Plasmodium</i> | Single Slide |
| 6 | <i>Daphnia</i> | Single Slide |
| 7 | <i>Tubipora</i> | Single Slide |
| 8 | <i>Dentalium</i> | Single Slide |
| 9 | <i>Doris</i> | Single |
| 10 | <i>Pinctada</i> | Single |
| 11 | <i>Nautilus</i> | Single |
| 12 | <i>Sabella</i> | Single |
| 13 | <i>Aphrodite</i> | Single |
| 14 | <i>Chaetopterus</i> | Single |
| 15 | <i>Tubifex</i> | Single Slide |
| 16 | <i>Scolopendra</i> | Single |
| 17 | <i>Astropecten</i> | Single |
| 18 | <i>Ophiura</i> | Single |
| 19 | <i>Antedon</i> | Single |
| 20 | <i>Cucumaria</i> | Single |
| 21 | <i>Strongylocentropus</i> | Single |
| 22 | <i>Torpedo</i> | Single |
| 23 | <i>Chimaera</i> | Single |
| 24 | <i>Mystus</i> | Single |
| 25 | <i>Echeneis</i> | Single |
| 26 | <i>Anguilla</i> | Single |
| 27 | <i>Tetrodon</i> | Single |
| 28 | <i>Anabas</i> | Single |
| 29 | Flat fish | Single |
| 30 | <i>Ichthyophis</i> | Single |
| 31 | <i>Alytes</i> | Single |
| 32 | <i>Erinaceous</i> | Single |
| 33 | <i>Funambulus</i> | Single |
| 34 | <i>Herpestes</i> | Single |
| 35 | Bat (Insectivorous and Frugivorous) | Single |
| 36 | <i>Sorex</i> | Single |
| 37 | <i>Loris</i> | Single |
| 38 | <i>Cyclops</i> | 1 Vial |
| 39 | <i>Tubifex</i> | 1 Vial |
| 40 | <i>Mosquito adult</i> | 1 Vial |
| 41 | <i>Paramecium</i> | 1 Vial |
| 42 | <i>Amoeba</i> | Single |
| 43 | <i>Opalina</i> | Single |

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| 44 | <i>Nectotherus</i> | Single |
| 45 | <i>Daphnia</i> | 1 Vial |

Requisition for Unstained Slides

| Sl. No. | Name of Unstained Slide | Quantity |
|----------------|--------------------------------|-----------------|
| 1 | Liver | 5 Pcs |
| 2 | Kidney | 5 Pcs |
| 3 | Thyroid | 5 Pcs |
| 4 | Pituitary | 5 Pcs |
| 5 | Testis | 5 Pcs |
| 6 | Ovary | 5 Pcs |
| 7 | Adrenalin | 5 Pcs |
| 8 | Ileum | 5 Pcs |
| 9 | Pancreas | 5 Pcs |

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