|  |  |  |  |
| --- | --- | --- | --- |
| **P.G. DEPARTMENT OF BOTANY** | | | |
| No. | Item Name | Specification | Quantity |
|  | 1-Naphthol | 200g |  |
|  | 2,4 Dichlorophenoxy acetic acid | 100g |  |
|  | Acetic acid Glacial | 500ml |  |
|  | Acetocarmine | 200ml |  |
|  | Acetone | 500ml X 2 |  |
|  | Agar | 500g X 4 |  |
|  | Anthrone reagent | 200g |  |
|  | Ammonium Nitrate | 500mg |  |
|  | Benzyl Adenine | 100g |  |
|  | N Butanol | 500ml |  |
|  | Calcium chloride | 500g |  |
|  | Calcium Nitrate | 500g |  |
|  | Casein Acid Hydrolysate | 500g |  |
|  | Chromic acid | 500ml |  |
|  | Citric acid | 100mg X 5 |  |
|  | Cobalt chloride | 250g |  |
|  | Copper sulphate | 250g |  |
|  | Congo red | 100g |  |
|  | Cotton Blue | 100g |  |
|  | Dextrose | 500g X 2 |  |
|  | DPPH | 100g |  |
|  | Dinitrosalycilic acid | 100mg X 2 |  |
|  | Dimethyl Formamide | 100g |  |
|  | Disodium hydrogen phosphate | 500mg |  |
|  | Eosin Red | 100mg |  |
|  | Ferrous sulphate | 250g |  |
|  | Ferric chloride | 250g |  |
|  | Na2 EDTA | 100g |  |
|  | Fast green | 100g |  |
|  | Formalin | 5 Litres x 5 |  |
|  | Ferrous sulphate | 250g |  |
|  | Glycerine | 500ml x 3 |  |
|  | Haupt’s adhesive | 250ml |  |
|  | Isopropanol | 500ml x 2 |  |
|  | Inositol | 250g |  |
|  | Kinetin | 100mg |  |
|  | Lactic acid | 250mg |  |
|  | Lactophenol blue | 100ml |  |
|  | Lead acetate | 500g |  |
|  | Magnesium Sulphate | 500g |  |
|  | Manganese sulphate | 500g |  |
|  | Mercuric chloride | 100g |  |
|  | Methanol | 500ml |  |
|  | Naphthalene balls | 1 packet |  |
|  | Naphthalene acetic Acid | 250 g |  |
|  | Ninhydrin | 250g |  |
|  | Peptone | 500g |  |
|  | Paraffin wax 58-600C | 500g |  |
|  | Petroleum ether | 500ml X 2 |  |
|  | Potassium Hydroxide | 500g x 2 |  |
|  | Potassium Nitrate | 500g x 2 |  |
|  | Potassium Iodide | 250g x 2 |  |
|  | Potassium dihydrogen Phosphate | 500g |  |
|  | Potassium Chloride | 500g |  |
|  | Pyridoxine HCl | 100g |  |
|  | Rose bengal | 100g |  |
|  | Resorcinol | 250g |  |
|  | Saffranin | 100g |  |
|  | Silica Gel | 500g |  |
|  | Sodium acetate | 500g |  |
|  | Sodium dihydrogen phosphate | 500g |  |
|  | Sodium Hydroxide | 500g x 2 |  |
|  | Sodium Citrate | 500g |  |
|  | Sodium carbonate | 500g |  |
|  | Sodium Potassium Tartrate | 500g x 2 |  |
|  | Sodium thiosulphate | 500g |  |
|  | Starch | 500g |  |
|  | Sucrose | 500g x 4 |  |
|  | Triphenyl Tetrazolium Chloride | 100g X 2 |  |
|  | Xylene | 500ml |  |

**INSTRUMENTS /GLASSWARE**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Beaker 500ml glass | 10 |  |
|  | Beaker 500ml plastic | 10 |  |
|  | Beaker 1000ml glass | 3 |  |
|  | Buffer tablets (7, 4 and 9.2) | 1bottle each |  |
|  | Burette – 25ml. Borosil | 10 |  |
|  | Chromatography paper  Whatman No.1 sheets | 10 sheets |  |
|  | Conical Flask 250ml | 10 |  |
|  | Cork Borer | 1set |  |
|  | Cotton Absorbent | 3 |  |
|  | Dropper Bottles | 20 |  |
|  | Filter Paper Sheets | 10 |  |
|  | Forceps Medium size | 20 |  |
|  | Funnel10 cm diameter | 5 |  |
|  | Inoculation Box | 5 |  |
|  | Inoculation Tray | 5 |  |
|  | Micro cover glasses 18mm Bluestar | 25 boxes |  |
|  | Microscopic slides Bluestar | 20 boxes |  |
|  | Naphthalene balls | 1 box |  |
|  | Needles Plastic | 50 |  |
|  | Non Absorbent cotton | 10 bundles |  |
|  | Petriplates 95mm diameter | 50 |  |
|  | Parafilm | 1 roll |  |
|  | Pasteur Pipette | 20 |  |
|  | Pipette 50ml | 7 |  |
|  | Plastic tray Large | 10 |  |
|  | Plastic tray Small | 10 |  |
|  | pH paper Range 4-7 | 3 boxes |  |
|  | Spirit lamp metal | 5 |  |
|  | Surgical blade (GLASS VAN) | 2 boxes |  |
|  | Labolene/Liquid soap | 5 litres |  |
|  | Steel Tray | 5 |  |
|  | Test tube 15 x 150mm | 75 |  |
|  | Test tube 25 x 150mm | 50 |  |
|  | Wash Bottles | 5 |  |
|  | Watch glass | 20 |  |
|  | Elecronic Balance | 1 |  |
|  | Table top Microcentrifuge (6 cuvettes) | 1 |  |