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| **Department of Zoology** |
| **No** | **Items** | **Specifications** | **Quantity** |
|  | Laboratory Pathological Binocular Microscope  | Features *Optical System*: Two 10x wide field eyepieces; Two 10x wide field eyepieces, one with pointer; 4x, 10x, 40x, and 100x achromatic objectives; 100x objective requires immersion oil for maximum resolution; Four-position click-stop turret; 40x, 100x, 400x, and 1000x magnification with 10x eyepieces. *Lighting*: 1.25 NA Abbe condenser with three color filters; Removable blue, yellow, green filters; Lower LED illumination, adjustable intensity; Manual mechanical iris adjustment. *Focusing*: Separate coarse and fine focus knobs; Sliding Interpupillary adjustment to accommodate a wide range of users; Right-eye dioptric adjustment. *Stage*: - 4.3 x 4.7" mechanical rectangular stage; Adjustable-width locking slide/specimen holder; Accepts 3 x 1" (76.2 x 25.4mm) specimen slides; X-Y right-handed stage adjustments; Integrated ruler on edge | 1 |
|  | Sahli’s Haemoglobinometer | Complete set | 8 |
|  | Sphygmomanometer | Material: Iron; 0 to 300 mm of Hg Scale | 1 |
|  | Stethescope | Dr.Morepen ST01 Deluxe type | 1 |
|  | PhotoelectricColorimeter | 8 Filter; Range 400-700 nm | 1 |
|  | Beaker 500 ml | Borosil | 5 |
|  | Glass Funnel | Borosil Plain 60 Degree Angle Stem Funnels (Dia. 100mm) | 4 |
|  | Safranin stain solution | 125 ml | 2 |
|  | Phosphate buffer saline 10x | 500 ml | 1 |
|  | Janus green B | 5 gm | 2 |
|  | Selivanoff’s Reagent | 250 ml | 1 |
|  | Antiserum ABD | 10 ml | 4 |
|  | Barfoed’s Reagent | 250 ml | 2 |
|  | Formaldehyde  | 5 lit | 4 |
|  | Sodium nitroprusside | 100 gm | 1 |
|  | Oxalic Acid | 250 gm | 1 |
|  | Urea | 250 gm | 1 |
|  | Nitric Acid GR | 500 ml | 2 |
|  | Hydrochloric acid | 500 ml | 2 |
|  | Sulphuric Acid GR | 500 ml | 2 |
|  | Sodium hydroxide | 500 gm (Pellets) | 2 |
|  | Gram Iodine solution (1%) | 250 ml | 2 |
|  | Glycerol | 500 ml | 1 |
|  | Lugol’s Iodine  | 100 ml | 2 |
|  | Colchicine | 10 g | 1 |
|  | EDTA Disodium salt | 100 g | 1 |
|  | EDTA Magnesium salt | 100 g | 1 |
|  | Magnesium carbonate | 100 g | 1 |
|  | Eriochrome Black T solution | 100 ml | 2 |
|  | Ammonia Buffer solution | 200 ml | 2 |
|  | Ammonium hydroxide solution 500 ml | 1 |
|  | Ammonium chloride  | 500 gm | 1 |
|  | Blood lancets | 200 No | 2 |
|  | Cotton Roll | -- | 3 |
|  | Red litmus paper | Pack of 200 | 1 |
|  | pH paper strips | Narrow range (7.0-14.0) | 6 |
|  | Filter paper | 100 circles per packet size 110 mm | 2 |
|  | Inoculating loops |  | 10 |