





STANDARD BIDDING DOCUMENT Supply of Science Lab Equipment, Items & Chemical items for 2025-

2026



Royal Government of Bhutan Ministry of Finance 2023

Samtse College of Education



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| 1 | Package | 6 |
|---|-------------------------|--|
| 2 | Quotation | Supply of Science Lab Equipment & Items for 2025- 2026 |
| 3 | Last date of submission | 2 nd July,2025 at 2.00pm |
| 4 | Place of submission | Office of Store In-Charge |
| 5 | Date of opening | 2 nd July, 2025 at 2.30pm |
| 6 | Place of opening | Conference Hall |
| 7 | EMD | Nu. 12000 (Twelve Thousand only) |



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SAMTSE COLLEGE OF EDUCATION



Supply of Science Lab Equipment, Items & chemical items for 2025-2026

TERMS AND CONDITIONS

- 1. The rates quoted shall be CIF Samtse College of Education for the **Supply of Science Lab Equipment, Items & Chemical items for 2025-2026**. Generally, the rates quoted shall be inclusive of all charges/levies/taxes which the suppliers shall bear.
- 2. The quotation should be accompanied by the valid trade license issued by the Ministry of Economic Affairs and the Tax Clearance Certificate issued by the Department of Revenue and Customs, Royal Government of Bhutan, as the enclosure. Quotation without a valid trade license and tax certificate as enclosure shall be rejected.
- 3. The tender shall be accompanied by an application to the PRESIDENT, Samtse College of Education.
- Sealed envelopes containing the quotation shall be marked Original and Duplicate in separate envelopes. The quotation will be opened in the Conference Hall, Samtse College of Education on 2nd July 2025 at 2.30 PM.
- 5. The rates quoted shall be valid for a period of 12 months from the date of quotation.
- 6. Goods should be supplied within **30 days** from the date of issue of the purchase order.
- 7. <u>Earnest money of Nu.12000.00 (Twelve thousand)</u> only should be furnished in the form of Bank Draft in favor of the **PRESIDENT**, Samtse College of Education. <u>Quotation without earnest money shall be rejected</u>.
- 8. The College reserves the right to vary the quantity up to **10%** on the same terms and conditions.
- 9. All equipment supplied must be as per the specification and any fake item noticed shall be rejected, returned at the supplier's cost and shall be dealt with as per Clause 18 of the terms and conditions.
- 10. The College reserves the right to reject all or any tender without assigning any reason.



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- 11. If the supplier fails to supply the required quality and quantity of goods, the College Administration will forfeit the earnest money and terminate the contract without any explanation and the supply order will be given to the next evaluated lowest bidder.
- 12. Failing to submit the quotation within the submission dateline shall be declared as 'late' and rejected. The same would be returned unopened to the supplier.
- 13. The rules and regulations for the establishment and operation of Industrial and Commercial ventures must be adhered to with regard to the establishment of license ventures.
- 14. The rates should be quoted against the specification provided and failing to quote in conformity with the specification shall be disqualified for evaluation.
- 15. The purchaser shall not be responsible for any damage, loss or due incident that occurred during the transportation. The supplier will be fully responsible for making them good at his own cost.
- 16. The supplier should have a warranty of one year from the date of delivery.
- 17. The supplier should be able to supply the material immediately during the time of emergency and if the bidder fails to supply the required material the bidder shall bear the expenses to purchase from another supplier for the College, Samtse.
- 18. The committee will directly reject the tender if the supplier supplies duplicate/fake or compromised material and the College Administration will forfeit the earnest money and terminate the contract without any explanation and the supply order will be given to the next evaluated lowest bidder.
- 19. If the selected bidder fails to supply the goods within the stipulated time, the liquidated damages of **Nu.0.1%** per day of the bill amount will be imposed.
- 20. Pursuant to the condition above, the second-lowest bidder at his quoted rate shall be asked to supply the goods after submitting performance security to the College Administration.
- 21. The performance security retained with the College shall be refunded to the concerned supplier after the completion of the supply of goods.
- 22. The College will process the bills for payment only upon complete delivery of the goods to the College.
- 23. Decision taken by the College Tender Committee will be final and binding.



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20 365391(President) 365274 (Adm) 365273 (Office) 365363 (Fax) P.O Box No. 329





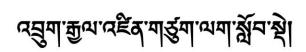


24. In addition to the terms and conditions mentioned above, all other relevant regulations of the **Procurement Rules and Regulation 2023**, shall apply where specific mention is not made.



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| | | Physics Items Fiscal Year 2025- | -2026 | | |
|----|---|---|------------------------------|----------|-------------|
| SI | Items | Description and details(minimum specification of goods to be supplied) | Unit of measu ement | Rate(nu) | Remark s |
| 1 | Deflection Magnetomete r | Magnetic compass, 18mm thick laminated board (both side sun mica) with dimensions 40" x5"with suitable hole at the center for holding compass box. | Set | | |
| 2 | Digital Stop Watch | LCD digital stop watch, 1/100second chronograph upto 23 hour, 59 mins,59seconds.AM/PM indicator. | No | | |
| 3 | Digital Vernier Calipers | Caliper Measuring Tool with Stainless Steel, Electronic Micrometer Caliper with Large LCD Screen, Auto-Off Feature, Inch and Millimeter Conversion (6 Inch/150 mm) | No | | |
| 4 | New simple closed circuit experiment box | It include single-pole double throw switch 3pcs. 5 battery case 6pcs. Light bulb holder 3pcs. U shape wire 10 pcs. Thickend package box and manual book. | Set | | |
| 5 | Barlow's wheel | Input voltage:3-6V DC@3A, 8"x5"x7"(LxWxH) | No | | |
| 6 | Bar Magnet | Pair of alnico bar magnets with keepers. Alloy steel 5cm long,N and S poles printed on the magnet. | Pair | | |
| 7 | Gold leaf electroscope | Rectangular case fitted with 4mm. Earthing socket, gold leaf support plate with one pair of leaves. | No | | |

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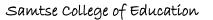




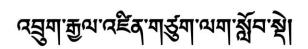


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| 8 | Solar cell with motor | It consists of a simple puley,dia:16mm and capable of raising a mass of at least 4g. PE-237/17535 | No | |
|----|-------------------------------|--|------|--|
| 9 | Digital Balance | LCD Display, metal base, ABS Top housing stainless steel pan, glass draftshield with sliding top door, replaceable in-user cover, stainless steel weighing platform capacity 500gm) Kern Company. | No | |
| 10 | Colour mixture SV195 | it concists of the following items: color mixer control box, Power adaptor,Six leds in circular frame,Circular frame with hole, Circular frame screen,U-channel bench 50cm, Object rider-3 Nos, Instruction manual. | No | |
| 11 | Dry cell Battery Holder | Profession for holding1.5v dry cells.maximum capacity 1.5v. Light in weight made of good quality plastic. | No | |
| 12 | Dry cell Battery Holder | Profession for holding 2x1.5v dry cells.maximum capacity 3v. Light in weight made of good quality plastic. | No | |
| 13 | Potentiomete r(10m wires) | Wooden base fitted with 4mm socket terminals, single wire and 100cm wooden scale. | No | |
| 14 | Soldering rod | 40W/60W, 110-220Volt with good quality metal | No | |
| 15 | Soldering lead | 40-60 proportion | Roll | |
| 16 | Enameled Copper Wire | Corrosion resistant copper wires made in high precision environment, JAPSON | Roll | |







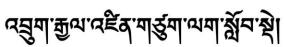


| 17 | Vernier or travelling microscope | This Travelling Vernier Microscope has calibrated movement in Horizontal and Vertical direction. The cast- iron heavy base has three levelling foot screws, one being fixed. The base Vee-top surface is machined to take a kinetically horizontal carriage, which supports vertical column. The carriage has vernier and a magnifier for reading. | No | |
|----|--|--|----|--|
| 18 | Joule's Calorimeter | Dimension (L*W*H) Size: Outer vessel wooden box: 15cm Dia approx.Inner vessel calorimeter copper:10cm Dia approx. | No | |
| 19 | Ammeter | 0-3ADC case:ABS plastic case. | No | |
| 20 | Ammeter Double range | DC 0-1Aamp And 0-5amp. | No | |
| 21 | Micro ammeter | DC-0-250µA | No | |
| 22 | Milli ammeter | DC 0-15mA. | No | |
| 23 | Voltmeters | DC 0-10V | No | |
| 24 | Voltmeters double range | 0-5V and 0-15V | No | |
| 25 | Millivoltmete r | 0-100mV | No | |
| 26 | Galvanomete rs | 30-0-30 divisions. Sensitivity 2mA/division | No | |
| 27 | Galvanomete rs | 10-0-10 divisions. Sensitivity 2mA/division | No | |

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| 28 | Optical Bench | Optical bench with accessories complete. Length 1M, Double Rod m.s. chromed, 16mm diameter mounted rods. 2 fixed riders/saddles and 2 slow motion riders. Two lens holder for lenses up to 62mm diameter. A steel object needle. Mounted on a rod Dia 10mm and two metal feet with levelling screws. | No | |
|----|---|--|-----|--|
| 29 | Optical Bench pin | Image/ object pin, steel | No | |
| 30 | Optical Lens holder with Base | All metal iron. Normal Size. | set | |
| 31 | Double pan Balance | 0.1g to 2000gm capacity. | No | |
| 32 | Pendulum Bob | Made of Brass with Dia 20mm. | No | |
| 33 | Pendulum Bob | Made of Brass with Dia 13mm. | No | |
| 34 | Junction diode characteristic s app. | Box type with all accessories to study forward and reverse bias characteristics. | No | |
| 35 | Zener diode characteristic s app. | Box type with all accessories to study forward and reverse bias characteristics | No | |
| 36 | Transistor characteristic s app. | Box type with all accessories to study input, output and transfer characteristics of pnp and npn | No | |
| 37 | Magnetic field along the axis | 0-16V DC continuously variable and stabilized | No | |

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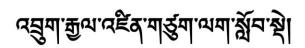




| 38 | Resonace Apparatus | It consists of chrome plated brass resonance tube 100 cm long mounted on a stand which is fitted with levelling screws. The lower end of the tube is connected with a reservoir 250 ml by a rubber tubing, and a meter scale is mounted on a stand. | Set | |
|----|--|---|-----|--|
| 39 | Assorted screw driver cum | Good Quality | Set | |
| 40 | Assorted pliers | Good Quality | No | |
| 41 | Rheostat | Wire wound rheostat, sliding type | No | |
| 42 | Right angle prism | Right angle prism with a cross section of 90°45°45° | No | |
| 43 | Spherometer | Made of Brass disc and scale with stainless steel. scale:10-0- 10,Divisions: 100, Least count 0.1mm | No | |
| 44 | Spring Balance metal Body Rectangular | Scale Made of brass. Provided with rotational knob zero adjuster SG570-SG579. (Capacity 100g-10N)Sub division: 1gm-0.1N. | No | |
| 45 | Battery Eliminator | Curent:2A, Voltage: 0-12 V. | No | |
| 46 | Meter Bridge | Two gap one meter, nickel plated brass stripes, 4mm socket terminals, fitted on wooden base. Length 100cm with plastic scale. 100 cm of wire(40hms/m) mounted on a wooden board with a meter scale with terminals and jockey. | No | |

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|----|--|---|-----|--|
| 47 | Surface Tension Apparatus/ Rising Table Apparatus. | Rising Table apparatus consists of metal frame having four capillary tubes of 10cm. Long and different internal diameter ares clamped with the help of small metal brackets. The 9mm. rod is also attached to metal plate, so that complete clamp can be held in any stand for determining the surface tension of liquid by capillary rise method. Its having a cast aluminium 4" dia table with adjustable stand. Maximum height capacity 12". | set | |
| 48 | Sonometer wooden | It consists of a wooden resonance box, 111x10x8cm,(LxWxH), with 2 wooden ruler one meter long, subdivided in mm. one each brass and steel wires are attached to a fixed bridge and tension by the adjustment. Two movable bridge are provided. Pulley and hook are provided to enable a third wire to be fixed for tensioning of masses. one each brasses and steel wires are provided. | No | |
| 49 | Potentiomete r10 wires | Mounted on a polished 18 mm thick ply wooden board with teak wood colour sunmica on top.With 10 wires of SWG 24 connected in series, clamped under heavy.Brass strips of SWG 18 and fitted by screws in such a manner so that it is easily replaceable and has negligible. | No | |

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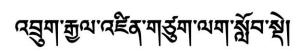
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| | | | | - |
|----|--|---|-----|---|
| 50 | Magnetic compass in an aluminium case | Dia approx. 12mm, Type: both side transparent. | Set | |
| 51 | Tuning Fork | Provided with Set of 8 alloy steel tuning forks with frequencies 256-512Hz in a wooden box with wooden hammer. | Set | |
| 52 | | IN 4001, | No | |
| 53 | - | IN 4002, | No | |
| 54 | Diode | 6A4 MIC | No | |
| 55 | Parallelogra m Apparatus | Parallelogram apparatus is used in measuring forces acting on a single point. It consists of a black board of around 650x500mm with 2 aluminium pulleys clamped at the top. A spool of thread passes through these pulleys. Three hangers are connected to the spool and carry different slotted weights. | No | |
| 56 | Spring constant apparatus | Spring Constant Apparatus is used to measure force by using Hook's law. It consists of a Retort stand on which a spring is clamped. The other end of the spring has a hook on which variable slotted weight of 100gm, 200gm, 300gm, 400gm and 500gm are attached. A vertically placed ruler then measures the extension of the spring. | Set | |



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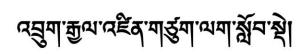


| Newton's cradle is a device, usually made of metal, that demonstrates the principles | |
|---|--|
| 57Newtons craddleof conservation of momentum and conservation of energy in physics with swinging spheres.: Steel construction, balls made of stainless steel, stainless steel | |
| Wooden box and Copper Calorimeter are used in the process of measuring the heat calorimeterWooden box and Copper Calorimeter are used in the process of measuring the heat of chemical and physical reactions. It consists of Copper calorimeter of 75mm x 50mmSet58with wooden box and stirrercalorimeter of 75mm x 50mm wooden polished box. Includes a brass nickle plated thermometer holder and copper stirrer.Set | |
| Consumable items. | |
| 1CorkWithout hole (rubber Top dia 30mm, Bottom Dia 26-48mm, Height 33-33.5mm) Assorted sets of 12 cork.Set | |
| 2 Concave focal length 15 cm No | |
| 3 Concave focal length 20 cm No | |
| Concerne | |
| 4 Concave focal length 25 cm No | |
| 4 tocal length 75 cm No | |
| 4 mirror focal length 25 cm No 5 Convex focal length 15 cm No | |
| 4 mirror focal length 25 cm No 5 Convex mirror focal length 15cm No 6 Convex focal length 12cm No | |

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| 9 | Concave lens | focal length 15cm | No | |
|----|--------------------------------|---|------|--|
| 10 | Concave lens | focal length 20cm | No | |
| 11 | Helical spring Apparatus | The apparatus consists of a spiral spring about 25mm in diameter and 10cm long. The upper end of the spring is suspended from chuck-nut and lower and is provided with small pointer which moves over a vertical steel meter scale. The lower end is also provided with hook for carrying weights. All this setup is provided on a heavy metal base and with weights.Consist of: • Spring • Rigid support • Weight hanger. Slotted weights 50 g • Vertical steel scale • Fine pointer | No | |
| 12 | Helical spring | spring steel wire (0.5-11.2mm), 50 turns, 15-20cm long). | No | |
| 13 | Meter scale | 50cm hard wood. | No | |
| 14 | Meter scale | 100cm hard wood. | No | |
| 15 | Bulb Holder | Torch bulb Holder | No | |
| 16 | Magnifying lens | Metallic Handle, 75mm dial. Magnefication: 3.5x | No | |
| 17 | Displacement can | Vessel Tin with spout(115x50mm with overflow. | No | |
| 18 | Drawing Board | 12" x18" superior quality softwood. | No | |
| 19 | Capacitor | 10 V 220 Micro Farrad | Set | |
| 20 | Connecting Wires | Copper -SWG(Double Insulation) | Roll | |
| 21 | Digital Stop Watch | Digid display: 6digids, accuracy : ±0.01 sec. The digid display size 7mm. Start,stop and reset knobs necklace length 2feet apprpx. | No | |

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|----|--|--|------|------|
| 22 | Capillary tube apparatus(with rubber bungs) | It is used to measure the surface tension by capillary rise in a small bore tube. There are six glass capillary tubes of different bore sizes(150mm long) ends ground flat. The capillaries are supported in a metal frame of size(115x40x10mm) | Set | |
| 23 | Plastic syringe | Without needle polypropylene with a black rubber seal, graduatina are marked 0-60ml in 2ml increments. | No | |
| 24 | Glass slab | Rectangular glass slab. Dimwnsions: 75x50*12mm. | No | |
| 25 | Resistance Wire | Constantan (SWG 24,26,28,32- 4 ohms/meter). | Roll | |
| 26 | Resistance Wire | Nichrome(SWG 24,26,28,32-4 ohms/meter). | Roll | |
| 27 | Fixed carbon Resistors | 10Ω,100Ω,1ΚΩ,10ΚΩ. 0.25W. | Set | |
| 28 | NPN Transistors | 2N2222, Max Voltage 40V, Max Current 800mA. | Set | |
| 29 | PNP Transistors | 2N2907, Max Voltage 40V, Max Current 600mA. | Set | |
| 30 | Logic gae Integrated Circuit | CD4001, Quad NAND Gate. | Set | |
| 31 | Schottky diode. | 1N5819, 40V | Set | |
| 32 | Small hubby DC motor | 3V-12V, 1W-10W power, RPM 2000-10000RPM. | No | |
| 33 | Rotary potentiometer | 1KΩ-1MΩ, Variable with a knob to adjust resistance, used in voltage dividers, adjustable voltage output, or control the brightness of LED. | | |

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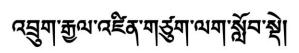
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| | Quotation List for Chemistry Lab forFinancial Year 2025-2026 | | | | | |
|------------|--|----------------------------|---------------|------|---------|--|
| Sl. Nos | Particulars | Unit of measure ment | Specifation | Rate | Remarks | |
| | I | | SUMABLE ITEMS | | | |
| 1 | 2- Methylpropan -2-ol | 500ml | MERCK | | | |
| 2 | Acetaldehyde | 500ml | MERCK | | | |
| 3 | Acetic acid | 500ml | MERCK | | | |
| 4 | Acetone | 250ml/5 00ml | MERCK | | | |
| 5 | Acetophenone | 500ml | MERCK | | | |
| 6 | Aluminium Chloride | 500g | MERCK | | | |
| 7 | Aluminium nitrate | 500g | MERCK | | | |
| 8 | Ammoium dichromate | 500g | MERCK | | | |
| 9 | Ammonium bicarbonate | 500g | MERCK | | | |
| 10 | Ammonium chloride | 500g | MERCK | | | |
| 11 | Ammonium Hydroxide | 500g | MERCK | | | |
| 12 | Ammonium Nitrate | 500g | MERCK | | | |
| 13 | Ammonium Solution | 500ml | MERCK | | | |
| 14 | Ammonium Thiocynate | 500g | MERCK | | | |
| 15 | Anhydrous Calcium Chloride | 500g | | | | |
| 16 | Aniline | 500ml | MERCK | | | |
| 17 | Baurite ore | 500g | MERCK | | | |

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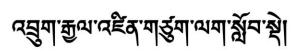


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| 18 | Benzaldehyde | 500ml | MERCK |
|----|-------------------------|-------|-------|
| 19 | Beryllium carbonate | 500g | MERCK |
| 20 | Bromobenzen e | 500ml | MERCK |
| 21 | Brucine Sulfide | 500g | MERCK |
| 22 | Butanol | 500g | MERCK |
| 23 | Carbon Disulfide | 500ml | MERCK |
| 24 | Calcium Chloride | 500g | MERCK |
| 25 | Calcium Nitrate | 500g | MERCK |
| 26 | Calcium powder | 500g | MERCK |
| 27 | Chlorobenzen e | 500ml | MERCK |
| 28 | Chloroform | 500ml | MERCK |
| 29 | Copper sulphate | 500g | MERCK |
| 30 | Dolamite Powder | 500g | MERCK |
| 31 | Dimethyl Pheylamine | 500ml | MERCK |
| 32 | Diphenyl indicator | 500ml | MERCK |
| 33 | EDTA | 500g | MERCK |
| 34 | Eolochrome Black Tea | 500ml | MERCK |
| 35 | Ethanol | 500ml | MERCK |
| 36 | Ether | 500g | MERCK |
| 37 | Ethyl Alcohol | 500ml | MERCK |
| 38 | Felling solution B | 500ml | MERCK |
| 39 | Ferric acid | 500g | MERCK |
| 40 | Ferric Choloride | 500g | MERCK |

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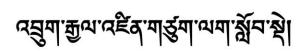


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| 41 | Ferric Sulphate | 500g | MERCK | |
|----|--------------------------|-------|---------------------|--|
| 42 | Ferric Nitrate | 500g | MERCK | |
| 43 | Ferrion indicator | 500ml | MERCK | |
| 44 | Glucose | 500g | MERCK | |
| 45 | Granulated Zinc | 500g | MERCK | |
| 46 | Hydrochloric acid | 500ml | MERCK | |
| 47 | Hydrogen Peroxide 30% | 500ml | MERCK | |
| 48 | Heptane | 500ml | MERCK | |
| 49 | Hexane | 500ml | MERCK | |
| 50 | Iodine crystal | 500g | MERCK | |
| 51 | Iodine Solution | 500ml | MERCK | |
| 52 | Iodobenzene | 500g | MERCK | |
| 53 | Isoprophyl alcohol | 500ml | MERCK | |
| 54 | Iron tablets | | | |
| 55 | LAS | 500g | MERCK | |
| 56 | Lime stone | 500g | MERCK | |
| 57 | Litmus paper Blue | | 100leaves per pack. | |
| 58 | Litmus paper Red | | 100leaves per pack. | |
| 59 | Litmus solution red | 500ml | MERCK | |
| 60 | Lucsus Reagent | 500ml | MERCK | |
| 61 | Macroeticular resign | 500g | MERCK | |
| 62 | Magnesium | 500g | MERCK | |
| 63 | Magnesium Chloride | 500g | MERCK | |

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|----|----------------------------------|---------------|---------------------|--|
| 64 | Manganous Sulphate | 500g | MERCK | |
| 65 | Manganese Dioxide | 500g | MERCK | |
| 66 | M-Dinitro Benzene | 500g | MERCK | |
| 67 | Methanol | 500ml | MERCK | |
| 68 | Methyl acetate | 500g | MERCK | |
| 69 | Methy Orange | 500ml | MERCK | |
| 70 | Methyl red indicator | 500ml | MERCK | |
| 71 | Molish's Reagent | 500ml | MERCK | |
| 72 | Nessler Reagent | 500ml | MERCK | |
| 73 | Nitric acid | 500ml | MERCK | |
| 74 | Oxalic acid | 500ml | MERCK | |
| 75 | Petroleium either | 500ml | MERCK | |
| 76 | Phenolphthale in | 500ml | MERCK | |
| 77 | Phenol | 500ml | MERCK | |
| 78 | Potassium chloroplatinat e | 500g | MERCK | |
| 79 | Potassium Iodide | 500g | MERCK | |
| 80 | Potassium Iodide Paper | per number | 100leaves per pack. | |
| 81 | Potassium Permagganate | 500g | MERCK | |
| 82 | Propanol | 500ml | MERCK | |
| 83 | Propionic acid | 500ml | MERCK | |
| 84 | Schiff's Reagent | 500ml | MERCK | |
| 85 | Selenium Metal powder | 500g | MERCK | |
| 86 | Siliver Nitrate | 500g | MERCK | |
| | | | | |

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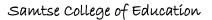




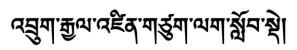


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| 87 | Siliver Sulphate | 500g | MERCK | |
|-----|------------------------------------|---------------|---------------------|--|
| 88 | Sodium Bisulphate | 500g | MERCK | |
| 89 | Sodium Carbonate | 500g | MERCK | |
| 90 | Sodium Hydrogen Sulfite | 500g | MERCK | |
| 91 | Sodium Hydroxide | 500g | MERCK | |
| 92 | Sodium Sulphide | 500g | MERCK | |
| 93 | Sodium Thiosulphate | 500g | MERCK | |
| 94 | Sodium Iodine | 500g | MERCK | |
| 95 | Starch Soluble | 500g | MERCK | |
| 96 | Strach paper | | 100leaves per pack. | |
| 97 | Sulphuric acid | 500ml | MERCK | |
| 98 | Tollen's Reagent | 500ml | MERCK | |
| 99 | Universal Indicator Chart | per number | Good quality | |
| 100 | Universal indicator paper | | 100leaves per pack. | |
| 101 | Universal indicator solution | 500ml | MERCK | |
| 102 | Zinc Chloride | 500g | MERCK | |
| 103 | Zinc Nitrate | 500g | MERCK | |
| 104 | Zinc Sulphate | 500g | MERCK | |
| 105 | Zinc Sulphite | 500g | MERCK | |
| 106 | Zironyl chloride ocathydrate | 500g | MERCK | |



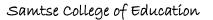




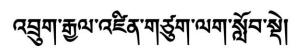


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| | GLASSWAR E & | | | |
|---|-----------------------------|---------------|--|--|
| | EQUIPMEN TS | | | |
| 1 | Ice box (medium size) | per number | 5ltrs | |
| | | | 10 Litre | |
| 2 | Digital Balance | per number | KERRO P7B, BL- 2204. Max: 220gm and Div- 0.1mg. | |
| 3 | Digital Multi meter set | per number | capable of measuring AC/DC voltage up to 1000 volts 4,AC/DC current up to 10Amperes 5,resistance up to 50 Mega Ohm 6 and measuring frequency up to 100KHz 7. | |
| 4 | Magnetic stirrer | per number | Capacity: 2-5 L, max temp.: capaable of operating upto 200 C(hot plate only),variable speed. Control cabinet finished: aluminium powder coated. Feature: included with hot plate. Complete accessories present . | |
| 5 | Fume hood | per number | A front window sash made up of tempered glass that acts as a shield for theoperator against hazardous aerosols. A stainless steel sink installed inside the hood which is resistant to the | |







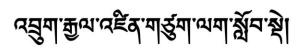


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| | | | | |
|----|--|--------------------------|--|------|
| | | | vapors, Colour: Various ,Size: 1200/1500/1800*800*2 350mm | |
| 6 | Stirring rod | sets or per number | This Stirring rod is made of soft flint glass, with both ends fire- polished and rounded.Glass Stirring Rod 8". | |
| 7 | Silica crucible with lid | per number | Material: Silica, capacity: 50ml, Usage/Application: Chemical laboratory, Colour:White, Shape:Round, Packinging type: Box, Weight:110g, Temperature: 700 to 1100 degree celcius, Height: 33mm. | |
| | Beaker(Brosil) | per number per | 50ml 20ml | |
| 8 | | number | 1000ml | |
| | | per number | | |
| | | per number | 100ml | |
| | Droppers(with graduation ,made of brosil) | per number | 1ml | |
| 9 | | per number | 10ml | |
| | | per number | 25ml | |
| | | per number | 5ml | |
| 10 | Pipette Filler | per number | 10ml | |

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| 1 | 1 | 1 | | |
|----|---------------|--------|-------------------------|--|
| | | per | 20ml | |
| | | number | | |
| | | per | 25ml | |
| | | number | | |
| | Burette clamp | per | Practical holder for | |
| | 1 | number | anchoring burettes | |
| | | | vertically on the | |
| | | | support stand. | |
| | | | The volume scale | |
| | | | remains clearly | |
| | | | - | |
| | | | readable. | |
| | | | • Moulded in | |
| | | | Polypropylene making | |
| | | | it completely corrosion | |
| 11 | | | proof | |
| | | | • The spring loaded | |
| | | | jack in the middle | |
| | | | provides a vice like | |
| | | | grip to the Burette and | |
| | | | prevents it from | |
| | | | slipping | |
| | | | • Two tapered wedges | |
| | | | are provided to ensure | |
| | | | firm grip on rods | |
| | | | having dia 1/2" or 3/8" | |
| | | | (Ø 9,6 - 12,7 mm) | |
| | Clamps | per | EISCO CH0688 Labs | |
| | r ~ | number | Clamp Retort, 3 PVC | |
| 12 | | | Coated Prongs (opens | |
| 12 | | | to 90mm in dia.) with | |
| | | | Boss Head | |
| | Volumatric | per | 10ml | |
| | flask | number | | |
| | IIUSK | | 25ml | |
| | | per | 2.51111 | |
| | | number | 501 | |
| 13 | | per | 50ml | |
| | | number | | |
| | | per | 100ml | |
| | | number | | |
| | | per | 500ml | |
| | | number | | |

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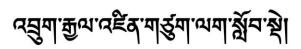


Durable, Protection Nitrile per Chemical number against chemicals, diesel fuel, petrol and Resistant oil, Good anatomical fit Gloves applied for 14 maximum comfort, 3-4 times longer life-span than equivalent vinyl/PVC gloves. Burette 10ml 15 25ml Brosil Measuring 5ml per Cylinder(brosi number 1) per 1ml number 16 per 50ml number per 25ml number Conical flask number 250ml 100ml number 17 number 500ml Copper Wire rolls Insulated with threat, 18 20mtrs length. Alloys of nickel and Nichrome per 19 chromium, 10 pcs per wire with loop number packet. 0.01°C Sensitivity Digital per 20 Thermometer number 0.01°C Sensitivity Thermometer per 21 number Tygon tubing 12mm daimeter and 10 per 22 number meter length Aspirator Borosil per 23 number Gloves sets/pkt Cut Resistant, Heat 24 Resistant above 1500

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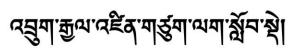




| - | | | | |
|-----|--|------------------|---|--|
| | | | degree celsius, Flame Resistant, Heat Preservation. Size : Free size and Wear type: full fingered. | |
| 25 | Cork | | | |
| 26 | Cork Borer | | | |
| 27 | Capilary Tube (glass) | | | |
| 28 | Crucible tong | Sets/num ber | Stainless steel(50cm long) | |
| 29 | Kipps apparatus | per number | Kipps apparatus | |
| 30 | Filter paper | rolls | Size 20cm | |
| 125 | Calorimeter cup | Number | These styrofoam calorimeter cups (7.5 cm inside diameter, 10 cm deep) have 1.3 cm thick walls for excellent thermal properties. The lids have a hole for a temperature probe. Includes set of six cups with lids. | |
| 126 | Glass tough | Number | Borosil | |
| 127 | Ammeter | Number | Range from 0-5 amper | |
| 128 | Voltmeter | Number | Range from 0-5 volt | |
| 129 | Fire safety jacket for operating Muffle furnace. | Per n or sets | Heat resistance,Fire resistance,Woolen linen attached,Easy to wash,Do not bleach and Shrink resistance | |
| 130 | Face shield for operating Muffle furnace. | per number | Size:53-63cm,Color: White,Blue,Green,Yell ow,Orange,Material:Hi gh impact resistance ABS and Visor Polycarbonate,8" | |

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| 131 | Test Tube Beush | | | |
|-----|---------------------|--------------------------|-------------------------------|--|
| 132 | Spatula | sets or per number | stainless steel(20cm long) | |
| 133 | Sodium Metal | number | | |
| 134 | Zinc Metal | number | | |
| 135 | Potassium /metal | number | | |
| 136 | Pipette | number | 25ml | |



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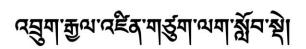


| | Annual Quotation, Biology 2025-2026 | | | | | | | | | |
|-----------|--|--|---------------|--------|--|--|--|--|--|--|
| | Glassware and lab equipment | | | | | | | | | |
| SL. No | ParticularsSpecification and brandUnit of measurement | | Rate (Nu) | Remark | | | | | | |
| 1 | Compound Microscope | Olympus, 10x & 15x -eye pc, objt. To total magification 10x - 675x in cabinet with lock & key, lens diaphram, dust cover and duster) | Per No | | | | | | | |
| 2 | Binocular Microscope | Olympus | Per No | | | | | | | |
| 3 | Binocular | Olympus | Per No | | | | | | | |
| 4 | Ganong's Potometer with wooden base | with strong wooden stand and borosilicate glass apparatus | Per No | | | | | | | |
| 5 | Centrifuge Round | Fitted with motor for vibration free performance & 5 step regulator. Elegant finish with powder coated paint. Works on 220V/230V AC . (15 mls x 8Tubes) | Per No | | | | | | | |
| 6 | Hot plate with Mangnetic stirrer | 1.5 m of mains cable and one each coated magnetic stirring bars, 20 mm and 40 mm long with support rod | Per No | | | | | | | |
| 7 | Disectiong Microscope | | Per No | | | | | | | |
| 8 | Retort Stand | with clamp and boss head, complete with retort ring. | Per No or set | | | | | | | |

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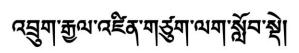




| 9 | Rectangular Water bath(Double wall) | Outside made of mild steel with powder coated paint. Inside made of stainless steel. Temperature is controlled by thermostate from Ambient temperarure to 80 degree celcious. | Per No | |
|----|--|---|---------|--|
| 10 | Digital Balance | KERRO P7B, BL- 2204. Max: 220gm and Div- 0.1mg. | Per No | |
| 11 | Grid quadrat | one metre square | Per No | |
| | 3D Models: | | | |
| 12 | Brain (Model) | well labelded in English | Per No | |
| 13 | Animal Cell(Model) | well labelded in English | Per No | |
| 14 | Human Ear (model) | well labelded in English | Per No | |
| 15 | Eye Model | well labelded in English | Per No | |
| 16 | Plant cell model | well labelded in English | Per No | |
| 17 | DNA extraction kit (blood and tissues) | Qiagen, Invitrogen, promega or any other approved company | Per No | |
| 18 | Butterfly net | Insect and Butterfly Net with 14" Stainless Ring, 26" Net Depth, Strong Aluminum Telescopic Handle Extends to 39", Full | Per No | |
| 19 | Blade | | Pkt | |
| 20 | Aspirator Bottle, Wide mouth, Graduated with stopcock & Handle | 20liter | Polylab | |
| 21 | Measuring cylinder | Borosil | 1000ml | |
| 22 | Measuring cylinder | Borosil | 500ml | |
| 23 | Measuring cylinder | Borosil | 250ml | |

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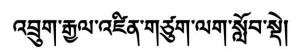
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| 24 | Measuring cylinder | Borosil | 100ml | |
|----|---|---|---------------|--|
| 25 | Measuring cylinder | Borosil | 50ml | |
| 26 | Measuring cylinder | Borosil | 25ml | |
| 27 | Conical Flask | Borosil | 250ml | |
| 28 | Conical Flask | Borosil | 200ml | |
| 29 | Conical Flask | Borosil | 100ml | |
| 30 | Beaker | Borosil | 800ml | |
| 31 | Beaker | Borosil | 400ml | |
| 32 | Beaker | Borosil | 200ml | |
| 33 | Beaker | Borosil | 100ml | |
| 34 | Test tube rack for tube | 16x150mm | Polylab | |
| 35 | Filter Paper | cat No 1001- 917(460mmx570mm,100/ sheets) | Whatman | |
| 36 | Filter Paper | 42mm filters-pure quartsz, pure teflon | Bkmam | |
| 37 | Filter Paper | Diameter 125mm, whatman 42 | | |
| 38 | Filter paper(memberence filter) | (0.45 µm pore size) | whatman | |
| 39 | Utility Tray | Tarsons(LxWxH)mm(320x260x 70) | tarson | |
| 40 | Refrigerator | Mention brand | Per No | |
| 41 | Hand Gloves | Cut resistant, high performance level fire protection | Set | |
| 42 | Aluminium foil | Thickness 6-30microns,Silver color,food wrapping | Per Np or set | |
| 43 | Hamatology | | Set | |
| 44 | Kick Sampler Net/ Triangular dip net | Frame size of 25x25cm, Mesh size- 0.5µm | Per No | |
| 45 | Surber sampler (to collect the specimen/ organism from the water for research) | 25x25cm with 0.05µm mesh | Per No | |



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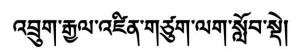
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| 46 | Secateurs | | Sets or No | |
|----|---|--|------------|--|
| 47 | Sterilised lancet | | Set | |
| 48 | Soil Analysis Sieve | Stainless Steel, Mesh 2mm | Per No | |
| 49 | Tripod stand, superior/heavy 8" height, Iron black colour painted. | Mention brand or sample | Per No | |
| 50 | Spirit lamp | | Per No | |
| 51 | Lens Cleaning Tissues | Brand -Nice | Per set | |
| 52 | Meter scale | Wooden, 100cm | Per No | |
| 53 | Ice Tray | Durable rigit ice tray, 600ML | Per No | |
| 54 | Soil testing Kit | For checking the pH, Nitrogen, Phosphorous & Potassium Availability in soil, (NICE). | Per No | |
| 55 | Water Testing kit | For the estimation of Total Hardness | Per No | |
| 56 | Water Testing kit | For the estimation of Total Alkalinity & PH | Per No | |
| 57 | Water Testing Kit | Estimation of Fluoride, Chloride & residual chlorine | Per No | |
| 58 | Specimen sorting Tray | Polythene laboratory white tray | Per No | |
| 59 | First Aids Box | Packed in a plastic with all necessary present. | Per No | |
| 60 | Cryotags | Round | Per No | |
| 61 | Polythene bag | Polythene | Per No | |
| 62 | Spring balance | With metric graduations, capacity 10kg | Per No | |
| 63 | Wash bottle | Polythene | Per No | |
| 64 | Field rain coat | Big and medium sizes, best quality | Per No | |
| 65 | Files (Reti) | Having three sizes | Per No | |
| 66 | Googles (spectacles) | Clear Hard Coat lens, (Meets ANSI z87.1-2010 standards) | Per No | |
| 67 | Mounting needle | | Set or Pkt | |

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| 68 | Rubber tubing (8mm) | | Roll | |
|----|--|---------------------------|------------|--|
| 69 | Distilled Water | Demineralised water, Nice | L | |
| 70 | Wire gauge, with asbestos centre 6" x 6" | | Set or Pkt | |
| 71 | Grafting tools | | Set | |
| 72 | Filter paper (9.0 cm) | | Roll | |
| 73 | Cover slips | Borosil | Set | |
| 74 | Hand lens | Magnification: 20x Power | Per No | |
| 75 | Cobalt chloride paper | | Set | |
| 2 | Permenant Slide | | | |
| 1 | Plant cell | Clear and good quality | Per set | |
| 2 | Animal cell | Clear and good quality | Per set | |
| 3 | Mitosis stages(All) | Clear and good quality | Per set | |
| 4 | Meiosis stages(All) | Clear and good quality | Per set | |
| 5 | Bacteria | Clear and good quality | Per set | |
| 6 | Nerve cell | Clear and good quality | Per set | |
| 7 | Cardiac muscle | Clear and good quality | Per set | |
| 8 | Striated muscle | Clear and good quality | Per set | |
| 9 | Mammalian Pencras (T.S) | Clear and good quality | Per set | |
| 10 | Paramacium | Clear and good quality | Per set | |
| 11 | Amoeba | Clear and good quality | Per set | |
| 12 | Euglena | Clear and good quality | Per set | |
| 13 | Monocot steam | Clear and good quality | Per set | |
| 14 | Dicot steam | Clear and good quality | Per set | |
| 15 | Monocot leaf | Clear and good quality | Per set | |
| 16 | Dicot leaf | Clear and good quality | Per set | |
| 17 | Monocot root | Clear and good quality | Per set | |
| 18 | Dicot root | Clear and good quality | Per set | |
| 19 | Human bone cell | Clear and good quality | Per set | |
| 20 | Human blood cell | Clear and good quality | Per set | |

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| 21 | Plasmodium | Clear and good quality | Per set | |
|----|---------------------------|------------------------|---------|--|
| 22 | macrophage | Clear and good quality | Per set | |
| 23 | Monocytes | Clear and good quality | Per set | |
| 24 | Neutrophil | Clear and good quality | Per set | |
| 25 | Basinophil | Clear and good quality | Per set | |
| 26 | Lymphocytes | Clear and good quality | Per set | |
| 27 | Gram Positive Bacteria | Clear and good quality | Per set | |
| 28 | Gram Negative bacteria | Clear and good quality | Per set | |
| | Preserve | | | |
| | Specimen | | | |
| 1 | Coral | Clear and good quality | Per No | |
| 2 | Flatworm | Clear and good quality | Per No | |
| 3 | Flying fish | Clear and good quality | Per No | |
| 4 | Gold fish | Clear and good quality | Per No | |
| 5 | Hookworm | Clear and good quality | Per No | |
| 6 | Horse tail | Clear and good quality | Per No | |
| 7 | Hydrilla | Clear and good quality | Per No | |
| 8 | Marchantia | Clear and good quality | Per No | |
| 9 | Obelia | Clear and good quality | Per No | |
| 10 | Pearl oyster | Clear and good quality | Per No | |
| 11 | Pinworm | Clear and good quality | Per No | |
| 12 | Planeria | Clear and good quality | Per No | |
| 13 | Sea anemone | Clear and good quality | Per No | |
| 14 | Sea cucumber | Clear and good quality | Per No | |
| 15 | Sea horse | Clear and good quality | Per No | |
| 16 | Sea lily | Clear and good quality | Per No | |
| 17 | Sea urchin | Clear and good quality | Per No | |
| 18 | Sea weed | Clear and good quality | Per No | |
| 19 | Scorpion | Clear and good quality | Per No | |
| 20 | Snail | Clear and good quality | Per No | |
| 21 | Star fish | Clear and good quality | Per No | |
| 22 | Sting ray | Clear and good quality | Per No | |
| 23 | Sycone | Clear and good quality | Per No | |
| 24 | Hydras | Clear and good quality | Per No | |
| L | - | ~ | 1 I | |

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| 25 | Spongilla | Clear and good quality | Per No | |
|----|-----------------------------------|------------------------|--------|--|
| 26 | fresh water sponge | Clear and good quality | Per No | |
| 27 | Liver fluke | Clear and good quality | Per No | |
| 28 | round worm | Clear and good quality | Per No | |
| 29 | Hookworm | Clear and good quality | Per No | |
| 30 | Pinworm | Clear and good quality | Per No | |
| 31 | Neries | Clear and good quality | Per No | |
| 32 | Herdmonia | Clear and good quality | Per No | |
| 33 | Amphioxus | Clear and good quality | Per No | |
| 34 | Balanoglossus | Clear and good quality | Per No | |
| 35 | Ascaries | Clear and good quality | Per No | |
| 36 | Tapeworm | Clear and good quality | Per No | |
| | Chemicals | | | |
| 1 | Acetic acid | MERCK | 500ml | |
| 2 | Acetone | MERCK | 500ml | |
| 3 | Acetocarmine | MERCK | 250ml | |
| 4 | Agar Agar | MERCK | 500g | |
| 5 | Alum | MERCK | 250g | |
| 6 | Amylase | MERCK | 250g | |
| 7 | Ammonium hydroxide | MERCK | 500g | |
| 8 | Aluminium | MERCK | 500g | |
| 9 | Aluminium hydroxide | MERCK | 500g | |
| 10 | Ammonia | MERCK | 500ml | |
| 11 | Ammonium chloride | MERCK | 500g | |
| 12 | Ammonium hydroxide | MERCK | 500g | |
| 13 | Anti serum A, B & Rh (3 items) | MERCK | 25ml | |
| 14 | Ammonium sulphate | MERCK | 500g | |
| 15 | Auxin | MERCK | 500g | |
| 16 | Barium chloride | MERCK | 500g | |
| 17 | Barfoed reagent | MERCK | 500ml | |
| | | | | |

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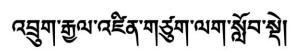
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|---------|----------------------------|-------|---------------|--|--|
| 18 | Barium sulphate | MERCK | 500g | | |
| 19 | Benedict solution | MERCK | 500ml | | |
| 20 | Bials reagent | MERCK | 250ml | | |
| 21 | Canada balsam | MERCK | 500g | | |
| 22 | Calcium bicarbonate | MERCK | 500g | | |
| 23 | Calcium carbonate | MERCK | 500g | | |
| 24 | Calcium chloride | MERCK | 500g | | |
| 25 | Calcium hydroxide | MERCK | 500g | | |
| 26 | Calcium oxide | MERCK | 500g | | |
| 27 | Calcium powder | MERCK | 500g | | |
| 28 | Calcium sulphate | MERCK | 500g | | |
| 29 | Carbon disulphide | MERCK | 500g | | |
| 30 | Carbolic acid | MERCK | 250ml | | |
| 31 | cobalt chloride paper | MERCK | Bundle or set | | |
| 32 | Copper carbonate | MERCK | 500g | | |
| 33 | Copper nitrate | MERCK | 500g | | |
| 34 | Copper oxide | MERCK | 500g | | |
| 35 | Copper sulphate | MERCK | 500g | | |
| 36 | Copper turnings | MERCK | 500g | | |
| 37 | CuSO4 (crystals) | MERCK | 500g | | |
| 38 | Eosin dye | MERCK | 500g | | |
| 39 | Ethyl alcohol | MERCK | 500ml | | |
| 40 | Fehling solution: | | | | |
| 41 | А | MERCK | 500ml | | |
| 42 | В | MERCK | 500ml | | |
| 43 | Ferric chloride | MERCK | 500g | | |
| 44 | Ferrous sulphate | MERCK | 500g | | |
| 45 | Formalin | MERCK | 500ml | | |
| 46 | Giemsa stain solution | MERCK | 25ml | | |
| 47 | Glucose | MERCK | 500g | | |
| 48 | Glycerine | MERCK | 500ml | | |
| | | | | | |

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| 49 | Hydrochloric acid (conc.) | MERCK | 500ml | |
|----|------------------------------|-------|--------|--|
| 50 | Hydrogen peroxide (30%) | MERCK | 500ml | |
| 51 | Indistrial enzyme | MERCK | 500g | |
| 52 | Indole Acetic acid | MERCK | 25g/ml | |
| 53 | Iodine crystals | MERCK | 500g | |
| 54 | Iodine solution | MERCK | 250ml | |
| 55 | Iron filings | MERCK | 500g | |
| 56 | Iron (II) sulphide | MERCK | 500g | |
| 57 | Lead dioxide | MERCK | 500g | |
| 58 | Lead monoxide | MERCK | 500g | |
| 59 | Lead nitrate | MERCK | 500g | |
| 60 | Leishman's stain | MERCK | 25ml | |
| 61 | Litmus paper: | | | |
| 62 | Blue | MERCK | set | |
| 63 | Red | MERCK | set | |
| 64 | Litmus solution: | | | |
| 65 | Blue | MERCK | 500ml | |
| 66 | Red | MERCK | 500ml | |
| 67 | Maltose | MERCK | 250g | |
| 68 | Magnesium | MERCK | 500g | |
| 69 | Magnesium bicarbonate | MERCK | 500g | |
| 70 | Magnesium carbonate | MERCK | 500g | |
| 71 | Magnesium ribbon | MERCK | 500g | |
| 72 | Magnesium sulphate | MERCK | 500g | |
| 73 | Manganese dioxide | MERCK | 500g | |
| 74 | Mercury | MERCK | 25ml | |
| 75 | Mercury oxide | MERCK | 500g | |
| 76 | Methyl Red solution | MERCK | 500ml | |
| 77 | Methyl orange solution | MERCK | 500ml | |

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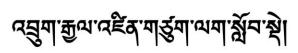
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| 78 | Methylene blue aqueous | MERCK | 500ml | |
|-----|---------------------------|-------|------------|--|
| 79 | Millions reagent | MERCK | 500ml | |
| 80 | Neutral Red solution | MERCK | 500ml | |
| 81 | Napthalene | MERCK | 500g | |
| 82 | Nitric acid (conc.) | MERCK | 500ml | |
| 83 | Pepsin | MERCK | 500g | |
| 84 | pH paper (0-14 scale) | MERCK | Set | |
| 85 | Phenolpthalein | MERCK | 500ml | |
| 86 | Potassium hydroxide | MERCK | 500g | |
| 87 | Potassium iodide | MERCK | 500g | |
| 88 | Potassium nitrate | MERCK | 500g | |
| 89 | Potassium Permanganant | MERCK | 500g | |
| 90 | Red lead oxide | MERCK | 500g | |
| 91 | Ribose | MERCK | 500g | |
| 92 | Safferin blue | MERCK | 500ml | |
| 93 | Seliwanoff's reagent | MERCK | 500g | |
| 94 | Sodium bicarbonate | MERCK | 500g | |
| 95 | Sodium carbonate | MERCK | 500g | |
| 96 | Sodium chloride | MERCK | 500g | |
| 97 | Sodium hydroxide | MERCK | 500g | |
| 98 | Sodium metal | MERCK | 500g | |
| 99 | Sodium nitrate | MERCK | 500g | |
| 100 | Sodium nitrite | MERCK | 500g | |
| 101 | Sodium sulphate | MERCK | 500g | |
| 102 | Spirit | MERCK | 500ml or L | |
| 103 | Starch | MERCK | 500g | |
| 104 | Sucrose | MERCK | 500g | |
| 105 | Sudan III Solution | MERCK | 250ml | |
| 106 | Sulphur powder | MERCK | 500g | |

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| 107 | Sulphuric acid (conc.) | MERCK | 500ml | |
|-----|------------------------------|-------|------------|--|
| 108 | Universal indicator paper | MERCK | Set | |
| 109 | Universal indicator solution | MERCK | 500ml | |
| 110 | Vaseline | MERCK | 500g or kg | |
| 111 | Vinegar | MERCK | 500ml | |
| 112 | Wax paraffin | MERCK | 500g | |
| 113 | White petroleum jelly | MERCK | 500g | |
| 114 | Wright's stain powder | MERCK | 250g | |
| 115 | Wright's stain solution | MERCK | 250ml | |
| 116 | Xylene | MERCK | 500ml | |
| 117 | Yeast powder | MERCK | 500g | |
| 118 | Zinc (granulated) | MERCK | 500g | |
| 119 | Zinc carbonate | MERCK | 500g | |
| 120 | Zinc metal | MERCK | 500g | |
| 121 | Zinc nitrate | MERCK | 500g | |
| 122 | Zinc oxide | MERCK | 500g | |



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