Post Box : 5

ALUVA- 683 102

Kerala

Fax: 2607534, 2609194

2609194, 2606033

(Affiliated to Mahatma Gandhi University, Kottayam)

#  **UNION CHRISTIAN COLLEGE ALWAYE**



Reaccredited with ‘A++’ Grade by NAAC (5th Cycle)

Website: www.uccollege.edu.in Email: ucc@uccollege.edu.in

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**TENDER NOTICE**

**12/02/2025**

Tender No : 2/24/PD-Lab

**Physics, Chemistry, Botany, Zoology, Psychology and Computer Science Departments of Union Christian College, Aluva -2**

Sealed tenders are invited for the supply of the following lab materials, equipments, chemicals and glassware for the various Departments in Union Christian College Aluva.

### **List separately attached**

The envelopes containing the tender should bear the superscription “P D Account Tender, Department of Physics, Chemistry, Botany, Zoology, Psychology and Computer Science in Union Christian College, Aluva and should be addressed to THE PRINCIPAL, UNION CHRISTIAN COLLEGE, ALUVA- 2

Last date for receipt of sealed tenders will be **06/03/2025, 3.00 pm**. Late tenders will not be accepted. The details regarding the same is available in the college website.

The tenders will be opened at **3.30 pm** on **06/03/2025** in the presence of tenderers or their authorized representatives who may be present at that time.

Intending tenderers may, on application to the THE PRINCIPAL, UNION CHRISTIAN COLLEGE, ALUVA-2 obtain the requisite tender forms on which tenders should be submitted.

Application for the tender form should be accompanied by a cash remittance of 0.2% of the quoted amount (minimum Rs 500/- + 18% GST ) which is the price fixed for a form/set of forms and which is not refundable under any circumstances. The tender forms are not transferable.

Sale of tender forms will be closed at **2 pm** on **06/03/2025** cheques, postage stamps, etc., will not be accepted towards the cost of forms, nor will the forms be sent per V.P.P. Duplicate tender forms, if required will be issued at Rs.200 per copy.

An agreement has to be executed by you in the prescribed form on stamp paper of value Rs.200/- purchased in the Kerala State as per Stores Purchase Manual 2013 along with the sealed tender.

Place: Aluva

 Date: 12/02/2025 sd/-

THE PRINCIPAL

UNION CHRISTIAN COLLEGE

ALUVA 2

Post Box : 5

ALUVA- 683 102

Kerala

Fax: 2607534, 2609194

2609194, 2606033

(Affiliated to Mahatma Gandhi University, Kottayam)

#  **UNION CHRISTIAN COLLEGE ALWAYE**



Reaccredited with ‘A++’ Grade by NAAC (5th Cycle)

Website: www.uccollege.edu.in Email: ucc@uccollege.edu.in

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### **TENDER FORMAT**

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| --- |
| Tender No… supply of materials for the Department of Physics, Chemistry, Botany, Zoology , Psychology and Computer Science in Union Christian College , Aluva**Union Christian College, Aluva-2** |
| Due date and time for receipt of tender | **06/03/2025, 3.00 pm** |
| Date and time for opening of tender | **06/03/2025, 3.30 pm** |
| Date up to which the rates are to be firm | **31/05/2025** |
| Price of tender form | 0.2% of quoted amount (minimum Rs.500/- +18% GST) |
| Price of duplicate copy | Rs.200 |
| Address of Officer from whom tender forms are to be obtained and to whom tenders are to be sent: | THE PRINCIPALUNION CHRISTIAN COLLEGE, ALUVA-2 |

Whether samples essential: No

Period within which goods should be delivered: **Two weeks after the receipt of Order** Rates should be quoted for delivery at: **Union Christian College, Aluva - 2** Other special conditions: Price should be inclusive of taxes and transportation

Place: Name & Address of Tenderer:

Date: Signature:

**TERMS AND CONDITIONS**

1. All purchase rules under the Stores Purchase Manual by the Government of Kerala.

2. The latest model shall be quoted and certified.

3. The quoted price should include cost of the instrument, freight, insurance, customs duty, clearance charges, entry tax (if applicable at the time of installation), installation and commissioning.

4. Payment terms: Payment through Kerala Government treasury cheque only at Aluva.

5. The amount quoted should be inclusive of all taxes and other charges.

6. Customs duty percentage and the CIF price on which it is based should be clearly specified in the tender and if the customs duty exemption certificate is secured the corresponding amount will be deducted from the bill.

7. The tenderers should verify and make sure that the claims made by them against items towards Sales tax, customs duty, excise duty etc., are not more than those permissible under the provisions of the laws in force, and that they will refund any excess claims admitted in this respect.

8. The offers should be kept open for a period of four months from the date of opening tenders. Acceptance of the offers will be intimated to the successful tenderers within that period. Tenderers will however, be given the option to keep their offers open for a further agreed period if there be any delay in intimating the acceptance.

9. The installation should be done by the supplier free of cost.

10. Delivery period: The equipment and its accessories should be completely supplied, installed and commissioned to the satisfaction of the Department within 45 days from the date of supply order or date of L/C whichever is later.

11. Warranty: The entire equipment and its accessories should have comprehensive warranty of two years from the date of acceptance by the end user. If any spares are to be imported during warranty period, the cost, insurance, freight, customs duty and clearance charges should be given by the vendor.

12. The rates of terms of AMC (both comprehensive and labour) for a minimum period of three years after the warranty period shall be clearly specified. Both comprehensive and labour AMC amounts will be taken into consideration for final selection.

13. During warranty and AMC period, the vendor shall give an uptime guarantee of 95% or more.

14. Training: In order to fully and optimally utilize the equipment, necessary onsite training should be given to the Physics Department staff free of cost

15. List of installations in Kerala over the past three years shall be provided.

16. Number of trained engineers available in Kerala and nearest service station shall be mentioned.

17. Wherever options are called for in respect of specifications, the tenderer should induct all such options.

18. The exact specifications, details of make, model number, name of manufacturer etc., of the equipment offered must be clearly specified. Copies of detailed technical literature and illustrated brochures of the units quoted are to be included along with the offer. Offers without these are liable to be rejected. List of users giving the exact address of the contact persons and the model number of the units available at these locations have to be provided.

19. Instrument operating manuals have to be provided along with the supply.

20. Evidence of exclusive/authorized distributorship from foreign principals should be provided along with the offers for overseas products.

21. Period of firmness of the quoted prices should be clearly stated in the offer.

22. The undersigned reserves the authority to accept or reject any or all of the offers for any particular item without assigning any reason whatsoever.

23. All the rules and regulation applicable to Government tenders will be applicable to this tender also.

24. The tenderer must give an agreement on a stamp paper worth Rs. 200/-.

25. The following declaration should be given by the tenderer while submitting the tender:

**Declaration**

1. I/we have downloaded the tender form from the Internet site [www.uccollege.edu.in](http://www.uccollege.edu.in/) and I/ we have not tampered/modified the tender forms in any manner. In case, if the same is found to be tampered/modified I/we understand that my/our tender will be summarily rejected and full earnest money deposit will be forfeited and the contract will be terminated at my/our risk and cost.
2. I/we am/are submitting a demand draft no…………………..........dated…………… issued by\_\_\_\_\_\_\_\_\_\_for Rs ………………. paying Rs ……………. towards the cost of tender form.

Signature of Tenderer:

Date:

Address:

(Seal)

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| **PD ACCOUNT PURCHASE OF LAB MATERIALS 2024-25** |
| [Document title] |
| [Document subtitle] |
| **Union Christian College (Autonomous), Aluva** |

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| **NB:** Pls quote for each Department separately, in the order of items listed. |

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| **DEPARTMENT OF PHYSICS** |
| **EQUIPMENTS** |
| **Sl no.** | **Items** | **Specification** | **Count** |
| 1 | DIGITAL CRO | INCLUDING VGA/HDMI OUTPUT | 10 |
| 2 | DIGITAL FUNCTION GENERATOR |  | 5 |
| 3 | ANALOG STOP WATCH | WITH PAUSE AND RESET OPTION | 4 |
| 4 | STOKE’S METHOD EXPERIMENT SET | TUBE | 2 |
| 5 | FRANK-HERTZ EXPERIMENT |  | 4 |
| 6 | SPECIFIC ROTATION MEASUREMENTS |  | 4 |
| 7 | CORNUS FRINGE |  | 4 |
| 8 | FALRY-PERSOT ETALAN |  | 4 |
| 9 | LASER TRIANGULATIA |  | 4 |
| 10 | B-H CURVE ANALYSIS |  | 4 |
| 11 | RHEOSTAT | 41 OHM | 4 |
| 12 | RESISTANCE BOX MANGANIN COILS | 1-20 OHM, 7 KEYS | 2 |
| 13 | RESISTANCE BOX MANGANIN COILS | 1-10000 OHM, 18 KEY | 4 |
| 14 | SCREW GUAGE |  | 10 |
| 15 | MILLI AMMETER | 0-100 mA | 4 |
| 16 | AMMETER | 0-1 A | 4 |
| 17 | AMMETER | 0-3 A | 4 |
| 18 | VOLTMETER | 0-15 V | 4 |
| 19 | DIRECTIONAL MAGNETIC COMPASS |  | 6 |
| 20 | PLUG KEY COMMUTATOR | 4 WAY KEY CIRCULAR | 2 |
| 21 | TABLE LAMP | FOR SPECTROMETER READINGS | 9 |
| 22 | DIGITAL MULTIMETER |  | 5 |
| 23 | HEATING MANTLE |  | 5 |
| 24 | DC DUAL VARIABLE POWER SUPPLY | MODEL:LDV:322, 0-30V | 5 |
| 25 | IC 741 AND IC 555 CHECKER |  | 1 |
| 26 | THERMOMETER SET FOR HEATING MANTLE EXPERIMENT |  | 2 |
| 27 | LEE’S DISC APPARATUS |  | 2 |
| 28 | NEWTONS LAW OF COOLING | SPECIFIC HEAT CAPACITY OF A LIQUID | 2 |

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| **DEPARTMENT OF CHEMISTRY** |
| **CHEMICALS** |
| **Sl No.** | **Particulars** | **Brand** | **Pack** |
| 1 | ACETONE | Any Brand | 25L |
| 2 | ACETOPHENONE | Any brand | 2.5L/500 ml/1L |
| 3 | HYDROCHLORIC ACID 35% EMPLURA | MERCK | 2.5 LTR |
| 4 | HYDROCHLORIC ACID COMMERCIAL | Any Brand |   |
| 5 | NITRIC ACID | Any Brand | 50Kg |
| 6 | SULPHURIC ACID COMMERCIAL | Any Brand | 50Kg |
| 7 | ALIZARIN RED S | NICE | 10G |
| 8 | ALUMINIUM FLUORIDE | Any Brand | 500 gm |
| 9 | ALUMINIUM NITRATE | NICE | 500 gm |
| 10 | ALUMINIUM SULPHATE | NICE | 500 gm |
| 11 | ALUMINON REAGENT | Any Brand |  |
| 12 | 4, AMINOPHENOL (P-AMINOPHENOL) 99% | NICE | 100 gm |
| 13 | 2, AMINOPHENOL (O-AMINOPHENOL) 99% | NICE | 100 gm |
| 14 | AMMONIA SOLU. AR SP.0.91 | NICE | 2.5 LTR |
| 15 | AMMONIUM CARBONATE | NICE | 500 gm |
| 16 | AMMONIUM ACETATE 96% | NICE | 500 gm |
| 17 | AMMONIUM BORATE | NICE | 250 gm |
| 18 | AMMONIUM CERIC NITRATE | NICE | 100 gm |
| 19 | AMMONIUM CHLORIDE 99%  | NICE | 500 gm |
| 20 | AMMONIUM FLUORIDE | NICE | 250 gm |
| 21 | AMMONIUM NICKEL SULPHATE | NICE | 250 gm |
| 22 | AMMONIUM OXALATE | NICE | 500 gm |
| 23 | AMMONIUM PURPURATE(MUREXIDE) | NICE | 5 gm |
| 24 | AMMONIUM SULPHATE | NICE | 500 gm |
| 25 | AMMONIUM SULPHIDE SOLUTION (YELLOW) | NICE | 500 ml |
| 26 | AMMONIUM IRON (II) SULFATE HEXA HYD. EMPLURA | MERCK | 500 gm |
| 27 | AMMONIUM FERROUS SULPHATE | NICE | 500 gm |
| 28 | AMMONIUM FERRIC SULPHATE DODECAHYDRATE EMPLURA | MERCK | 500 gm |
| 29 | AMYL ALCOHOL ISO | NICE | 500 ml |
| 30 | AMMONIUMPHOSPHATE | NICE | 500 gm |
| 31 | AMMONIUM THIOCYANATE | NICE | 250 gm |
| 32 | AMMONIUM MOLYBDATE | NICE | 250 gm |
| 33 | AMMONIUM NITRATE | NICE | 250 gm |
| 34 | AMMONIUM NITRITE | Any Brand |  |
| 35 | ANILINE | Any Brand | 2.5L/500 ml/1L |
| 36 | ANTHRACENE 99% | NICE | 100 gm |
| 37 | N-PHENYL ANTHRANILIC ACID | NICE | 25G |
| 38 | ANTHRANILIC ACID | NICE | 500G |
| 39 | BARIUM ACETATE | NICE | 500G |
| 40 | BARIUM BORATE | NICE | 500G |
| 41 | BARIUM CHLORIDE AR | NICE | 500 gm |
| 42 | BARIUM FLUORIDE  | NICE | 500 gm |
| 43 | BARIUM NITRATE | NICE | 500 gm |
| 44 | BARIUM OXALATE | Any Brand | 500 gm |
| 45 | BENZOYL CHLORIDE | NICE | 500 ml |
| 46 | BENZYL ALCOHOL | NICE | 500 ml |
| 47 | BENZIDINE REAGENT | NICE |  |
| 48 | BROMINE  | Any Brand |   |
| 49 | BUTANOL | Any Brand | 500 ml |
| 50 | BIPHEYL (DIPHENYL) | NICE | 500g |
| 51 | BENZOPINACOL | Any Brand | 100 gm |
| 52 | Benzaldehyde | Any Brand | 500 ml/2.5L |
| 53 | CALCIUM ACETATE | Any Brand | 500 gm |
| 54 | CALCIUM FLUORIDE | NICE | 500 gm |
| 55 | CALCIUM HYDROXIDE | NICE | 500 gm |
| 56 | CALCIUM OXALATE | Any Brand | 500 gm |
| 57 | CARBON TETRA CHLORIDE FS | Any Brand |   |
| 58 | CERIUM NITRATE | Any Brand |  |
| 59 | CHLOROBENZENE | NICE | 500 ml |
| 60 |  COBALT CHLORIDE | NICE | 500 gm |
| 61 | COBALT NITRATE | ANY brand |  |
| 62 | COPPER NITRATE  | NICE | 500 gm |
| 63 | COPPER METAL TURNINGS | NICE | 100 gm |
| 64 | COPPER FOIL (10X10CM, THICKNESS 0.1MM) | NICE | 100 gm |
| 65 | Cuprous chloride | Any Brand | 500gm |
| 66 | COPPER ACETATE (CUPRIC ACETATE) | NICE | 250 gm |
| 67 | DICHLORO METHANE (METHYLENE CHLORIDE) | NICE | 500 ml |
| 68 | DIMETHYL GLYOXIME | NICE | 100 gm |
| 69 | DI SODIUM HYDROGENPHOSPHATE ANHY. | NICE | 500 gm |
| 70 | 2, 4-DINITROPHENYL HYDRAZINE | NICE | 100 gm |
| 71 | DIPHENYL ANILINE | NICE | 500 gm |
| 72 | DIPHENYL CARBAZIDE | NICE | 500 gm |
| 73 | DIGLYME | Any Brand | 100 ml |
| 74 | DITHIONE | Any Brand |  |
| 75 | ETHYL ACETATE | NICE | 2.5 LTR |
| 76 | DIETHYL ETHER | Any brand | 2.5 LTR |
| 77 | ETHYL ACETOACETATE | Any Brand | 500 ml |
| 78 | E.D.T.A DI SOD. SALT | NICE | 500 gm |
| 79 | ERIOCHROME BLACK T POWDER  | NICE | 25 gm |
| 80 | ETHYLENE DIAMINE | NICE | 500 ml |
| 81 | FERRIC CHLORIDE | NICE | 500 gm |
| 82 | FERRIC CHLORIDE ANHYDROUS 96% | NICE | 500 gm |
| 83 | FERROUS SULPHATE | NICE | 500 gm |
| 84 | FERROUS SULPHIDE STICKS | Any Brand | 1 KG |
| 85 | DEXTROSE ANHY. (D-Glucose) | NICE | 500g/1Kg |
| 86 | HYDROGEN PEROXIDE 30% (100 VOL.) | NICE | 2.5L |
| 87 | HYDRAZINE HYDROCHLORIDE | Any Brand | 100g |
| 88 | HYDROXYLAMINE HYDROCHLORIDE | NICE | 100 gm |
| 89 | 5-HYDROXY METHYL FURFURAL | Any Brand |   |
| 90 | IODINE | Any Brand |  |
| 91 | LANTHANUM NITRATE | Any Brand |  |
| 92 | LITHIUM NITRATE ANHYDROUS 98% | NICE | 100 gm |
| 93 | LEAD ACETATE | NICE | 500 gm |
| 94 | LEAD BORATE | Any Brand | 500 gm |
| 95 | LEAD CARBONATE | Any Brand | 500 gm |
| 96 | LEAD NITRATE | NICE | 500 gm |
| 97 | LEAD DIOXIDE  | NICE | 500 gm |
| 98 | MANGANESE DIOXIDE TECHNICAL | NICE | 500 gm |
| 99 | MANGANOUS SULPHATE MONOHYDRATE 99% | NICE | 500 gm |
| 100 | MAGNESIUM BORATE | Any Brand | 500 gm |
| 101 | MAGNESIUM CARBONATE | Any Brand | 500 gm |
| 102 | MAGNESIUM NITRATE LR | NICE | 500 gm |
| 103 | MAGNESIUM OXALATE | NICE | 500 gm |
| 104 | MAGNESIUM SULPHATE | NICE | 500 gm |
| 105 | MALEIC ANHYDRIDE | Any Brand | 100 gm |
| 106 | MAGNESON REAGENT | Any Brand | 100 gm |
| 107 | LEISHMAN STAIN SOLU. SEPARATE | NICE | 500 ml |
| 108 | METHYL ACETATE | NICE | 500 ml |
| 109 | METHYL BENZOATE | NICE | 500 ml |
| 110 | MERCURIC IODIDE | Any Brand | 100 gm |
| 111 | MERCUROUS NITRATE | Any Brand | 100 gm |
| 112 | METALLIC SODIUM | Any Brand |  |
| 113 | METHYL ORANGE POWDER | NICE | 25 gm |
| 114 | METANIL Yellow | Any brand |  |
| 115 | N,N-DIMETHYL ANILINE - 99% | NICE | 500 ml |
| 116 | N-PHENYL ANTHRANILIC ACID 98% | NICE | 25 gm |
| 117 | NAPHTHOL ALPHA (1-Naphthol)  | NICE | 100 gm |
| 118 | NAPHTHOL BETA (2-Naphthol)  | NICE | 250 gm |
| 119 | NAPHTHALENE | NICE | 500 gm |
| 120 | NESSLER’S REAGENT | NICE | 500 gm |
| 121 | NICKEL NITRATE | NICE | 250 gm |
| 122 | NICKEL SULPHATE | NICE | 250 gm |
| 123 | 4-NITROANILINE 99% | NICE | 100 gm |
| 124 | NITROBENZENE | Any brand | 500 ml /2.5L |
| 125 | 2-nitro aniline | NICE | 100 gm |
| 126 | *m*-nitro benzoic acid | Any Brand | 100 gm |
| 127 | *p*-nitro benzoic acid | NICE | 500 gm |
| 128 | O-NITROPHENOL  | NICE | 500 gm |
| 129 | PETROLEUM ETHER  | NICE | 25L |
| 130 | PHTHALIC ACID | NICE | 500 gm |
| 131 | PHENOL (CARBOLIC ACID) | NICE | 500 gm |
| 132 | PHENYLHYDRAZINE HYDROCHLORIDE | NICE | 100 gm |
| 133 | PICRIC ACID SATURATED SOLUTION | NICE | 125 ml |
| 134 | PICROLINIC ACID | NICE |  |
| 135 | PHENOLPHTHALEIN POWDER | NICE | 100 gm |
| 136 | PHTHALIC ANHYDRIDE | NICE | 500 gm |
| 137 | POTASSIUM CARBONATE | NICE | 500 gm |
| 138 | POTASSIUMCHROMATE 99% | NICE | 500 gm |
| 139 | POTASSIUM DICHROMATE EMPLURA | MERCK | 500 gm |
| 140 | POTASSIUM DICHROMATE AR | NICE | 500 gm |
| 141 | POTASSIUM FERROCYANIDE | NICE | 500 gm |
| 142 | POTASSIUM HEXACYANOFERRATE(II)TRIHYDRATE | Any Brand |   |
| 143 | POTASSIUM FERRICYANIDE | NICE | 250 gm |
| 144 | POTASSIUM HEXACYANOFERRATE(III) | Any Brand |   |
| 145 | POTASSIUM HYDROXIDE PELLETS | NICE | 500 gm |
| 146 | POTASSIUM IODIDE | NICE |  |
| 147 | POTASSIUM NITRITE | NICE | 500 gm |
| 148 | POTASSIUM NITRATE | NICE | 500 gm |
| 149 | POTASSIUM NITRATE AR | NICE | 500 gm |
| 150 | POTASSIUM OXALATE | NICE | 500 gm |
| 151 | POTASSIUM SULPHATE | Any Brand | 500 gm |
| 152 | POTASSIUMPERSULPHATE | Any Brand | 500 gm |
| 153 | POTASSIUM THIOCYANATE  | NICE | 500 gm |
| 154 | PYRIDINE | Any Brand | 500 ml |
| 155 | QUINALDIC ACID | Any Brand |  |
| 156 | RESORCINOL X | NICE | 250 gm |
| 157 | RUBEANIC ACID | NICE | 250 gm |
| 158 | SALICYLIC ACID | NICE | 500 gm |
| 159 | SALICYLALDEHYDE - 99% | NICE | 100 ml |
| 160 | SCHIFF'S REAGENT | NICE | 125 ml |
| 161 | SELENIUM DIOXIDE | Any Brand |  |
| 162 | SELENIUM NITRATE | Any Brand |  |
| 163 | SILICA GEL BLUE COARSE(3-8MESH) | NICE | 500 gm |
| 164 | SILICONE GREASE METROARK | Any Brand | 50 gm |
| 165 | SILICA GEL FOR COLUMN .CHROMATOGRAPHY(60-120MESH) | NICE | 500 gm |
| 166 | SILICA GEL FOR COLUMN .CHROMATOGRAPHY (100-200MESH) | NICE | 500 gm |
| 167 | SILVER NITRATE | NICE |  |
| 168 | SOD. ACETATE TRI HYDRATE | NICE | 500 gm |
| 169 | SODIUM BISULPHITE | NICE | 500 gm |
| 170 | SODIUM HYDROXIDE FLAKES L. R | NICE | 500 gm |
| 171 | SODIUM HYDROXIDE PELLET L. R | NICE | 500 gm |
| 172 | SODIUM METAL | NICE | 100 gm |
| 173 | SODIUM NITRATE LR | NICE | 500 gm |
| 174 | SODIUM NITRITE | NICE | 500 gm |
| 175 | SODIUM SULPHITE | NICE | 500 gm |
| 176 | SODIUMTUNGSTATE | Any Brand |  |
| 177 | SODIUM PENTACYANOMINE FERRATE(ii) HEXAHYDRATE | NICE |  |
| 178 | SODIUM RHODIZONATE | NICE | 500 gm |
| 179 | SODIUM BISMUTHATE | NICE | 500 gm |
| 180 | SODIUM TARTATE | NICE | 500 gm |
| 181 | BORAX (DI SODIUM TETRABORATE) | NICE | 500 gm |
| 182 | SODIUM THIOSULPHATE 99%(HYPO) | NICE | 500 gm |
| 183 | SODIUM CHLORIDE | NICE | 250 gm |
| 184 | STRONTIUM CARBONATE | NICE | 250 gm |
| 185 | STRONTIUM OXALATE | NICE | 250 gm |
| 186 | STRONTIUM CHLORIDE | NICE |  |
| 187 | SUCROSE | NICE | 1Kg/500g |
| 188 | TARTARIC ACID | NICE | 250 gm |
| 189 | TIN METAL GRANULES | NICE | 100 gm |
| 190 | O-TOLUIDINE AR | NICE | 250 ml |
| 191 | VANADIUM SULPHATE hydrate pure | Any Brand | 100 gm |
| 192 | ZINC ACETATE | Any Brand | 500 gm |
| 193 | ZINC OXALATE | Any Brand | 500 gm |
| 194 | ZINC METAL POWDER | NICE | 500 gm |
| 195 | ZINC BORATE | Any Brand |  |
| 196 | ZIRCONYL NITRATE | Any Brand |  |
| 197 | ZIRCONIUM CHLORIDE | Any Brand |  |
| 198 | ZINC DUST | Any Brand | 500 gm |
| 199 | ZINC SULFATE | NICE | 500 gm |
| 200 | ZINC NITRATE | NICE | 500 gm |
|  |  |
| **GLASSWARES AND PERISHABLES** |
| **Sl.No.** | **Particulars** | **Brand** | **Pack** |
| 1 | Beaker 50ml | Any Brand |   |
| 2 | Beaker 150ml | Any Brand |   |
| 3 | Beaker 250ml | Any Brand |   |
| 4 | Beaker 500 ml | Any Brand |   |
| 5 | Beaker 1000 ml | Any Brand |   |
| 6 | Weighing bottle 15 ml | Any Brand |   |
| 7 | Condenser Liebig  | Any Brand |   |
| 8 | SILICA CRUCIBLE spare lid 25 ml | Any Brand |   |
| 9 | SILICA CRUCIBLE spare lid 50 ml | Any Brand |   |
| 10 | SILICA CRUCIBLE 25 ml | Any Brand |   |
| 11 | SILICA CRUCIBLE 50 ml | Any Brand |   |
| 12 | Conical Flask 50 ml | Any Brand |   |
| 13 | Conical Flask 100 ml | Any Brand |   |
| 14 | Conical Flask 250 ml | Any Brand |   |
| 15 | Standard Flask (volumetric) 100 ml | Any Brand |   |
| 16 | Standard Flask (volumetric) 250 ml | Any Brand |   |
| 17 | Standard Flask (volumetric) 500 ml | Any Brand |   |
| 18 | STANDARD FLASK (volumetric) 1000 ml | Any Brand |  |
| 19 | STANDARD FLASK (volumetric) 50 ml | Any Brand |  |
| 20 | Funnel 100mm | Any Brand |   |
| 21 | Funnel 75mm | Any Brand |   |
| 22 | Test tube 15x 125mm | Any Brand |   |
| 23 | Boiling tube | Any Brand |   |
| 24 | Glass rod 8" | Any Brand |   |
| 25 | Pippette volu. 5 ml | Any Brand |   |
| 26 | Pippette volu. 10 ml | Any brand |   |
| 27 | Pippette volu. 20 ml | Any Brand |   |
| 28 | FLASK BOILING RB 50 ml  | Any brand |   |
| 29 | FLASK BOILING RB 100 ml | Any Brand |   |
| 30 | FLASK BOILING RB 250 ml | Any brand |   |
| 31 | Centifuge tube conical 15 ml | Any Brand |   |
| 32 | Watch glass | Any brand |   |
| 33 | FILTER PAPER ORDINARY | Any Brand |   |
| 34 | Whatmann no.1 filter paper | Any brand |  |
| 35 | WIRE GAUZE WITH ASBESTOS centre 6X6 | Any Brand |   |
| 36 | Thermometer -10 -110C 18" | Any Brand |   |
| 37 | CHINA DISH | Any Brand |   |
| 38 | Thermometer 100-300 c 18" |  |  |
| 39 |  STAND For Holding RB and Condensor | Any Brand |   |
| 40 | SEPERATING FUNNEL | Any Brand |  |
| 41 | MEASURING JAR 10 ml | Any Brand |  |
| 42 | MEASURING JAR 20 ml | Any Brand |  |
| 43 | Rubber Cork with one hole (24, 19, 29) | Any Brand |  |
| 44 | Rubber Cork with two hole (24, 19, 29) | Any Brand |  |
| 45 | MEASURING JAR 100 ml | Any Brand |  |
| 46 | Pointed metal tongs | Any Brand |  |
| 47 | Rubber Cork (24, 19, 29) | Any Brand |  |
| 48 | CLAMPS For RB Flask | Any brand |   |
| 49 | Distillation apparatus  | Any Brand |  |
| 50 | Mortar and Pestle | Any brand |  |
| 51 | 50 ml burette | Any brand |  |

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| **DEPARTMENT OF BOTANY** |
| **EQUIPMENTS** |
| **Sl No** | **Name** |
| 1. | Spectrophotometer 1 (purchase) |

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| **CHEMICALS** |
| **S No** | **Chemicals** | **Quantity** | **Number of Bottles required** |
|  | Ammonium chloride | 500 gm | 3 |
|  | Ammonium hydroxide | 500 ml | 2 |
|  | Bovine serum albumin | 500 gm | 2 |
|  | Bradford Reagent | 500 ml | 3 |
|  | DPX mountant | 250 ml  | 5 |
|  | Fehling’s solution A | 500 ml | 3 |
|  | Fehling’s solution B | 500 ml | 3 |
|  | Ferric chloride solution | 500 ml | 2 |
|  | Ferrous sulphate | 500 gm | 23 |
|  | Glycerin | 500 ml | 5 |
|  | Glycerol | 500 ml | 5 |
|  | Glycine  | 500 ml | 5 |
|  | Gram staining- decolourising solution | 100 ml | 5 |
|  | Hexane | 500 ml | 3 |
|  | L-Ascorbic acid | 500 ml | 3 |
|  | Monobasic sodium phosphate | 500 gm | 3 |
|  | Ninhydrin powder | 25 gm | 3 |
|  | Ninhydrin solution | 125 ml | 2 |
|  | Petroleum ether | 500 gm | 3 |
|  | Potassium oxalate | 500 gm | 2 |
|  | Pyridine | 250 gm | 2 |
|  | Safranin Stain solution | 100 ml | 5 |
|  | Silver nitrate | 25 gm | 2 |
|  | Sodium alginate | 500 gm | 3 |
|  | Sodium bicarbonate | 500 gm | 2 |
|  | Sodium carbonate | 500 gm | 3 |
|  | Sodium hydroxide | 500 gm | 3 |
|  | Sodium hydroxide pellet | 500 gm | 3 |
|  | Sulphanilic acid | 500 gm | 3 |
|  | Sulphosalicylic acid | 500 gm | 2 |
|  | Toluene | 500 ml | 2 |
|  | Whatman ’s filter paper |  | 20 sheets |

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| **GLASSWARE** |
| **S No** | **Glass wares** | **Specification if any** | **Quantity** |
|  | Conical flask | 500 ml | 10 |
|  | Conical flask | 1 litre | 20 |
|  | Cork borer | 4 | 4 |
|  | Cover glass | normal | 10 box |
|  | Funnel | Small | 5 |
|  | Funnel | big | 5 |
|  | Measuring cylinder | 10 ml | 5 |
|  | Measuring cylinder | 50 ml | 5 |
|  | Measuring cylinder | 100 ml | 3 |
|  | Petri plates | 50 ml | 5 |
|  | Slide | Normal | 10 box |
|  | Spirit lamp | normal | 30 |
|  | Test tubes | Normal (15 ml) | 300 |

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| **CONSUMABLES** |
| **S No** | **Consumables** | **Specification if any** | **Quantity** |
|  | brush | small | 25 |
|  | Dropper |  | 12 |
|  | Forceps large |  | 10 |
|  | Forceps small |  | 40 |
|  | Grafting knife |  | 12 |
|  | Inoculation loop |  | 10 |
|  | Inoculation straight wire |  | 10 |
|  | Needle  | Small | 25 |
|  | Pipette bulb- plastic | Small  | 15 |
|  | Pipette bulb- plastic | Big | 10 |
|  | Scalpel |  | 10 |
|  | Scalpel blade |  | 5 box |
|  | Test tube stand  | wooden | 30 |
|  | Tray | Metal | 25 |
|  | Tray | plastic | 25 |
|  | Wash bottle |  | 25 |

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| **DEPARTMENT OF ZOOLOGY** |
| **CHEMICALS** |
| Sl. No. | **Name of Chemicals** | **Pack** | **Make** |
| 1.        | Aceto carmine | 125 ml | Nice |
| 2.        | Acetone | 500 ml | Nice |
| 3.        | Acid Fuchsin  | 25 gm | Nice |
| 4.        | Ammonium molybdate | 100 gm | Nice |
| 5.        | Basic Fuchsin | 25 gm | Nice |
| 6.        | Benzene | 500 ml | Nice |
| 7.        | BSA | 5 gm | Nice |
| 8.        | Bromothymol Blue | 125 ml | Nice |
| 9.        | Cadmium chloride | 250 gm  | Nice |
| 10.     | Chloroform | 500 ml | Nice |
| 11.     | Cholesterol stock solution | 125 ml | Nice |
| 12.     | Congo red | 5g | Nice |
| 13.     | CuSO4 | 250 gm | Nice |
| 14.     | Dextrose | 500 gm | Nice |
| 15.     | Dipotassium hydrogen phosphate | 500 gm | Nice |
| 16.     | Disodium phenyl phosphate | 25 gm | Nice |
| 17.     | Eriochrome Black T indicator | 125 ml | Nice |
| 18.     | Ferric chloride anhydrous  | 125 ml | Nice |
| 19.     | Folin’s Reagent | 250 ml | Nice |
| 20.     | Glacial Acetic acid | 5 L | Nice |
| 21.     | Grams stain kit | Kit | Nice |
| 22.     | Hydrochloric acid | 500 ml | Nice |
| 23.     | Kovacs indole reagent | 125 ml | Himedia |
| 24.     | Leishman Stain Solution | 500ml | Nice |
| 25.     | Lugols Iodine | 125 ml | Nice |
| 26.     | Manganese sulphate | 500 gm | Nice |
| 27.     | Mercuric chloride AR | 100 gm | Nice |
| 28.     | Methyl Benzoate | 250 ml | Nice |
| 29.     | Methyl orange  | 125 ml | Nice |
| 30.     | Molisch reagent | 125 ml | Nice |
| 31.     | MR-VP medium | 100 gm | Himedia |
| 32.     | n- butanol | 500 ml | Nice |
| 33.     | Neutral red (powder) | 5 gm | Merck |
| 34.     | Ninhydrin | 25 gm | Nice |
| 35.     | Nitric acid | 500 ml | Nice |
| 36.     | Nutrient Agar | 100 gm | Himedia |
| 37.     | Nutrient Broth | 100 gm | Himedia |
| 38.     | Paraffin wax block | 500 gm | Merck |
| 39.     | Para nitrophenol | 250 gm  | Nice |
| 40.     | Para nitrophenyl phosphate disodium | 5 gm | Nice |
| 41.     | Periodic Acid | 25 gm | Nice |
| 42.     | pH standard buffer - 4 | 1 pkt | Nice |
| 43.     | pH standard buffer- 10 | 1 pkt | Nice |
| 44.     | pH standard buffer- 7 | 1 pkt | Nice |
| 45.     | Phenolphthalein indicator | 125 ml | Nice |
| 46.     | Picric acid (Solution) | 500 ml | Nice |
| 47.     | Potassium dichromate | 500 gm | Nice |
| 48.     | Potassium dihydrogen phosphate | 500 gm | Nice |
| 49.     | Potassium hydroxide  | 500 gm | Nice |
| 50.     | Potassium iodide | 250 gm  | nice |
| 51.     | Potassium Nitrate | 500 gm | Nice |
| 52.     | Potassium thiocyanate | 500 gm | Nice |
| 53.     | Schiff’s Reagent | 125 ml | Nice |
| 54.     | Silver nitrate | 10 gm | Nice |
| 55.     | Simmons citrate agar | 100 gm | Himedia |
| 56.     | Sodium citrate | 500 gm | Nice |
| 57.     | Sodium Bicarbonate | 500 gm | Nice |
| 58.     | Sodium hydroxide Pellets | 500 gm | Nice |
| 59.     | Sodium phosphate dibasic  | 500gm | Nice |
| 60.     | Sodium potassium tartrate | 250 gm | Nice |
| 61.     | Sodium thiosulphate | 500 gm | Nice |
| 62.     | Stannous chloride | 100 gm | Nice |
| 63.     | Sudan III | 125 ml | Nice |
| 64.     | Sudan Black B | 125 ml | Nice |
| 65.     | Sulphuric acid | 500 ml | Nice |
| 66.     | Tertiary Butyl Alcohol | 500 ml | Nice |
| 67.     | Toluidine Blue (solution) | 125 ml | Nice |
| 68.     | Triple sugar iron agar | 100 gm | Himedia |
| 69.     | Tryptone broth | 100 gm | Himedia |
| 70 | WBC diluting fluid | 125 ml | Nice |

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| **EQUIPMENTS** |
| **Sl No** | **Item** | **Quantity** |
| 1 | Westergren apparatus (old model) | 5 nos |
| 2 | Dissection microscope | 5 nos |
| 3 | Pipette bulb | 10 nos |
| 4 | Plastic droppers (big) | 20 nos |
| 5 | Ocular Micrometer  | 5 nos |
| 6 | Stage Micrometer  | 5 nos |
| 7 | Dropper caps (rubber) | 10 nos |
| 8 | Dissection Lamps | 15 nos |
| 9 | Pipette pump | 5 nos |
| 10 | Variable volume micropipette (10-100 ml) | 1 nos |
| 11 | Variable volume micropipette (100-1000 ml) | 2 nos |
| 12 | Spirit lamp (steel) | 5 nos |
| 13 | Spatula (steel) | 10 nos |
| 14 | Camera lucida | 5 nos |
| 15 | Ceramic crucible without lid | 10 nos |
| 16 | Porcelain crucible without lid | 7 nos |

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| **CONSUMABLES** |
| **Sl No** | **Item** | **Quantity** |
| 1 | Cotton | 10 rolls |
| 2 | Aluminium Foil | 10 rolls |
| 3 | Tissue paper | 20 rolls |
| 4 | Blotting paper | 20 nos |
| 5 | Whatman No. 1 filter paper | 1 pkt |
| 6 | Filter paper (ordinary) | 10 nos |
| 7 | Surgical gloves  | 3 pkts |
| 8 | Parafilm | 1 roll |
| 9 | TLC plate (Merck) | 1 pkt |
| 10 | Cover slip (Square) | 20 pkts |
| 11 | Cover slip (Rectangle) | 10 pkts |
| 12 | Cover slip round | 10 pkts |
| 14 | Wire Gauze | 5 nos |
| 15 | Capillary tube | 50 nos |
| 16 | Cockroaches | 100 Nos |
| 17 | Penaeus  | 500 Nos |
| 18 | Plankton sample | 200 ml |

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| **GLASSWARE** |
| **Sl No** | **Item** | **Quantity** |
| 1 | Petri plates | 20 nos |
| 2 | Test tubes with rim (27 ml) | 30 nos |
| 3 | Glass Droppers (large) | 20 Nos |
| 4 | Glass pipette (1 ml) | 5 nos |
| 5 | Glass pipette (5 ml) | 5 nos |
| 6 | Glass pipette with bulb (20 ml) | 5 nos |
| 7 | L -rod  | 5 nos |
| 8 | Glass rod | 10 nos |
| 9 | Cavity slide | 1 pkt |
| 10 | Glass Beaker (1000 ml) | 5 nos |
| 11 | Volumetric flask (100 ml) | 5 nos |

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| **DEPARTMENT OF COMPUTER SCIENCE** |
| **Sl No** | **Item** | **Quantity** |
| 1 | Monitor Acer 20” LED (HDMI, K202HQLA BI – 4 Nos |  4 Nos |

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| **DEPARTMENT OF PSYCHOLOGY** |
| **Sl No** | **Items** |
|  | Anxiety, Depression and Stress Scale |
|  | Blind Goggles |
|  | Brigance Developmental Schedule |
|  | Children’s Intelligence Scale |
|  | Cognitive Capabilities Test for Transition Period |
|  | Delis Rating of Executive Functions (D-REF) |
|  | Delis Rating of Executive Functions, Adult (D-REF Adult) |
|  | Depth Perception Apparatus with Manual |
|  | Distinctive Aptitude Test Battery (DATB) *[Scoring Key & Answer sheets only]* |
|  | Habit Interference through Card Sorting Tray with Cards and Anodized Number Plates with Manual. (HI-BV) |
|  | *Haffman and Kaisenien* Problem Solving Concept Formation |
|  | HOME (Home Observation Measurement of the Environment) Reading Writing Skills for Pre-Primary School Children |
|  | Internet and Social Networking Sites Attitude Scale |
|  | Ishihara Colour Blindness |
|  | Measures in Applied Psychology: A Manual for Researchers (24 tests) |
|  | Millon Adolescent Personality Inventory (MAPI) |
|  | Millon College Counseling Inventory (MCCI) |
|  | Millon Index of Personality Styles, Revised (MIPS Revised) |
|  | Mirror Drawing Apparatus Simple for printed Star with Manual |
|  | Nagleri Non-verbal Ability Test (NNAT) |
|  | Quality of Life Inventory (QOLI) |
|  | Self Awareness Scale |
|  | Self Control Scale |
|  | Size and Weight Illusion Box (22 weights) with Manual & Response Sheet |
|  | Social Media Addiction Scale |
|  | Social Media Utilisation Scale |
|  | Steadiness Tester Electrical with Impulse Counter with Manual |
|  | Tachistoscope (Fall Door type) Span of Attention with Manual and Cards |
|  | Temperament Schedule  |
|  | Test of Visual Perceptual Skills 4th edition (TVPS 4) |
|  | Vineland Social Maturity Scale (VSMS) |
|  | Wechsler Adult Intelligence Scale III (WAIS) |
|  | Wechsler Memory Scale-3rd Edition, India (WMS-III India) |