

CHRISTIAN COLLEGE CHENGANNUR

Tender No. CCC-PD-2024 dated 08-03-2024

Last Date 22-03-2024

Tender opening 25-03-2024

TECHNICAL DETAILS OF TENDER ITEMS – PD ACCOUNT 2023-2024

DEPARTMENT OF PHYSICS			
S.No	Name of the Item	S.No	Name of the Item
1	Digital thermometer with case, 0.1°C accuracy	11	Resistance Box ((1- 10 ohms) (constantan/manganin high quality)
2	Function generator(100Hz to 20MHz)	12	Rheostat 2.3 A 35 ohms (high quality)
3	Lees disc apparatus- with high conducting discs	13	Rheostat 0.5A 500 ohms
4	Liquid lens setup with light source	14	Rheostat 2 A 100 ohms
5	Microammeter - high quality - (1- 250 mA)	15	Scale And Telescope high quality)
6	Mili ammeter - high quality - (1- 250 mA)	16	Screw gauge with pitch 1mm and LC 0.01mm, (high quality)
7	Multi meter(high quality)	17	Sonometer (wooden platform)
8	Newton's ring apparatus (high quality, with lens and glass plate)	18	Spectrometer- Grating -15000LPI
9	Potential meter(high quality)	19	Spectrometer (high quality) with leveling screws, least count 1minute
10	Resistance Box (1- 10000 ohms) (high quality) (constantan/manganin high quality)	20	Vernier-caliper with least count 0.01cm non rusting frame. (high quality)
DEPARTMENT OF CHEMISTRY			
CHEMICALS			
1	Acetophenone	10	Methyl benzoate
2	Ammonia 2.5 L bottle	11	Nitrobenzene
3	Ammonium chloride	12	Phenol
4	Ethyl acetate	13	Potassium Iodide
5	Filter paper - No 41, ashless sheets	14	Rubber cork (25 mm dia bottom)
6	Filter paper -No 40, ashless Sheets	15	Rubber washer for sintered crucible
7	Gas burner bunsen. Pure brass pipe and stopcock	16	Thermometer, 0-100 deg; 450mm length with case; reliable reading of temperature
8	Hydrochloric acid (conc) 2.5 L bottle	17	Zinc Acetate
9	Methanol 2.5 L bottle		
DEPARTMENT OF ZOOLOGY			
CHEMICALS			
1	Acetic acid Glacial 2.5 L	12	Methylene blue 125 ml
2	Acetorcin 125 ml	13	Neutral red powder 100 g
3	Amino acid - Proline 1 gm	14	Ninhydrin solution 125 ml
4	Ammonium ferrous sulphate 500 gm	15	pH indicator solution 125 ml
5	Arsenic trioxide- 99.5% 500 gm	16	Potassium iodide 500 g
6	Butanol 2.5 L	17	RBC dilution fluid 125 ml
7	DNA 5 g	18	Silver nitrate 100 g
8	Ferric chloride 500 g	19	Sodium thiosulphate 250 g

9	Formaldehyde solution 10 L	20	Sulphuric acid 2.5 L
10	Manganous sulphate (MnSO ₄) 500 g	21	WBC dilution fluid 125 ml
11	Methyl orange indicator 125 ml	22	Xylene 500 ml
GLASSWARES			
1	Beaker (1000 ml)	5	Cover slip Square
2	Beaker (500 ml)	6	Petri plates Medium (100*15 mm)
3	Cover slip rectangular (22*50)	7	Pipette - 1 ml
4	Cover slip Round	8	Watch glass
OTHER CONSUMABLES			
1	Aluminum foil	10	Hand Gloves- Rubber
2	Aquarium watertube	11	Lancet
3	Bell pins	12	Rubber bush for pipette
4	Black paper roll	13	Specimen bottle- Glass -Large
5	Blotting paper	14	Test tube stand - Plastic
6	Brushes (Small water colour)	15	Tissue paper roll
7	Butter paper	16	Tooth pick
8	Face mask	17	Whatman No.1 filter paper (Sheet with direction of flow marked) for chromatography
9	Filter paper- round		
SPECIMENS			
1	Hookworm	4	Prawn
2	Neries	5	Shark
3	Plankton		
DEPARTMENT OF BOTANY			
1	Acetic Anhydride 500 ml	14	Magnesium sulphate 500 g
2	Alkaline iodide oxide solution 500 ml	15	Methanol 500 ml
3	Antibacterial discs 1 pkt	16	Phenanthroline monohydrate 100 g
4	Benedicts reagent 500 ml	17	Phloroglucinol 125 ml
5	Copper acetate 100 g	18	Picric acid 250 ml
6	DMSO 500 ml	19	SDA agar 250gm.
7	EMB agar 100 g	20	Silver sulphate 100 g
8	Ethanol 500 ml	21	Sodium bicarbonate 200 ml
9	Iron sulphate heptahydrate 500 g	22	Sodium nitroprusside 125ml
10	Lactose broth 100 g	23	Sodium tartarate 100 gm
11	Lamposolv 1L	24	Sulphur powder 100 g
12	LurtaBertani broth 100 g	25	Xylene 500 ml
13	Magnesium ribbon One roll		
OTHER CONSUMMABLES			
1	Camel Hair Brush 5 pkts	3	Masks 100nos
2	Gloves 5 pkts	4	Whatmanns Filter paper No.1 1 pkt