



VICTORIA INSTITUTION (COLLEGE)

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Ref. No.....

Date...26/2/20...

Notice

Sealed quotations are invited from the suppliers and companies to purchase the following items for the various Departments of Victoria Institution (College). Interested persons please contact Principal's office. Quotations must be submitted within 10 days from the date of publication of the notice.

1. DEPARTMENT OF PHYSICS

Sl. No.	Description of the Instruments
1	Measurement of Plank constant using LED
2	Verification of Stefan's law of radiation by the measurement of voltage and current of a torch bulb glowing it beyond draper point.
3	Determination of e/m of electrons by using bar magnet
4	To study the photoelectric effect: variation of photocurrent versus intensity and wavelength of light.
5	To show the tunneling effect in tunnel diode using I-V characteristics.
6	Cathode Ray Oscilloscope (CRO)

2. DEPARTMENT OF BOTANY

CHEMICALS:

SL. NO.	ITEM	PACK SIZE
1	Sodium Thiosulphate anhydrous (AR) SRL 89728	500g
2	Potassium Hydrogen di iodide (Merck) 104867	50g
3	Sodium Azide (AR) SD Fine 20369	100g
4	Sodium Iodide (extrapure) SRL 98760	100g
5	Cobalt (II) Nitrate Hexahydrate (extrapure AR) SRL 85942	100g
6	Petroleum Ether (60°-80°C) (AR) SD Fine 20179	500ml
7	Urea extra-pure SD fine 40558	500g
8	DEXTROSE ANHYDROUS AR SD fine 20117	500g
9	Formaldehyde GR (Merck)	500ml
10	Eupherol (Merck)	100ml
11	Benedict's Quantitative Reagent (Merck)	500ml
12	2-Butanol (Extrapure) SRL 95725	2.5 lit
13	Orcein SRL 30774	5g
14	Carmines SRL 97048	5g
15	POTASSIUM HYDROGEN SULPHATE CRYSTALS PURE SD fine 39623	500
16	Sudan IV (M.S.) SD fine 44070	100g
17	Chloroform AR SD Fine 20077	2.5 lit
18	Acetic Anhydride Sigma	25g

N. Chakrabarti
Principal
VICTORIA INSTITUTION
(College) 26/2/20

19	Potassium Di Chromate (LR) SD Fine 39605	500g
20	METHANOL LR SD fine 39192	2.5lit
21	Ethanol	500ml
22	Benzene AR SD fine 20051	1 lit
23	Aniline LR SD fine 37226	500ml
24	p-Dimethylaminobenzaldehyde (Extrapure AR) SRL 14003	100g
25	1-propanol (AR) SD Fine 20345	500ml
26	Methyl cellosolveextrapure AR SRL 38200	500ml
27	Sudan Black B (MS) SD Fine 44071	25g
28	p-Nitroaniline EP SD Fine 39343	100g
29	Aniline Sulphate SD Fine 37230	250g
30	ZINC CHLORIDE SD Fine 40605	500g
31	POTASSIUM PERMANGANATE PURIFIED SD fine 39644	500g
32	SODIUM CITRATE TRIBASIC DIHYDRATE for molecular biology SRL 67331	250g
33	Diethyl Pyrocarbonate (DEPC) SRL 46791	25ml
34	Perchloric Acid SD Fine 20175	500ml
35	Hematoxylin Solution SRL 39758	125ml
36	AMMONIUM FERRIC SULPHATE AR (IRON ALUM) SD fine 20021	500g
37	Diphenylamine extrapure SRL 41149	100g
38	Deoxyribonucleic acid Himedia RM362-500MG	500mg
39	Ribonucleic acid from <i>Torula</i> yeast Himedia MB244-10G	10g
40	Pyronin Y Himedia MB172-5G	5g
41	Methyl Green Himedia GRM246-25G	25g
42	DEAE Cellulose 52 SRL 92321	5g

GLASSWARES:

SL. NO.	ITEM	PACK SIZE
1	BOD BOTTLES BOROSIL 1250022	300ml
2	GLASS PASTEUR PIPETTE WITH RUBBER TEAT	
3	DROPPING BOTTLE TARSON 620050	60ml
4	DROPPING BOTTLE TARSON 620060	125ml
5	GLASS BEADS	2kg
6	STIRRING ROD TARSON 144000	
7	ACCUPIPET TARSON 030050	100-1000
8	Handypette Pipette AidPolylab	10ml
9	Desiccator Vacuum TARSON 401020	200mm
10	Serological Pipette TARSON 940020	2ml
11	Serological Pipette TARSON 940030	5ml
12	BurettePolylab	50ml
13	Retort Stand TARSON 143020	30X20 central
14	Burette Clamp TARSON 121200	Double
15	Conical Flask Borosilicate	100ml
16	Conical Flask with Screw Cap BOROSIL 5021024	500ml
17	Volumetric Flask BOROSIL 5641029	1000ml
18	Chromatography Column BOROSIL 6101062	300mm
19	Separating Funnels BOROSIL 6402021	250ml


 Principal
 VICTORIA INSTITUTION
 (College)

26/2/20

20	Adapter Cone BOROSIL 8836A24	24/29
21	Stopping Plane Still Head BOROSIL 8841624	24/29
22	Beaker BOROSIL 1000D29	1000ml
23	Four finger clamp with adjustable boss head BOROSIL LAFC8888A04	
24	Interchangeable ground joint BOROSIL 810019	19/20
25	Test tubes 15X150mm BOROSIL 9820U05	
26	Dropping bottle amber BOROSIL 1650017	125ml
26	Round filter paper Riva	11cm Dia
27	Iron Stand with heavy base	
28	Tissue paper roll	
29	Dropping Bottle BOROSIL	60ml
30	Surgical Gloves	No.7
31	Microtip 2-200µl Tarson 521010	1000
32	Microtip 200-1000µl Tarson 521020	500
33	Micro Tip Box 2-200µl Tarson 524250	96 places
34	Micro Tip Box 200-1000µl Tarson 524080	100 places
35	Float Rack Tarson 240000	16 places
36	Microtube 1.5ml	100
37	Cryo Box Tarson 524010	81 places

INSTRUMENT:

1. Muffle Furnace
2. Haemocytometer
3. Digital Balance 0.000g
4. Pathological Microscope with 10X, 40X and 100x and mechanical stage
5. Hand operated rotary Microtome

3. DEPARTMENT OF CHEMISTRY

Chemicals

Serial No.	Chemicals	Pack Size
1	Formaldehyde	500 ml
2	Furan	500 ml
3	Maleic anhydride	250 gm
4	Fructose	500 gm
5	S-Benzylisothiuronium chloride (SBT)	500 ml
6	P ^H paper	1 pack
7	Fuming HNO ₃	500 ml
8	L-alanine	100 gm
9	L-lysine	100 gm
10	L-leucine	100 gm
11	Whatman No. 1 chromatography paper strip (20cm x 4cm) or sheet	1 pack
12	TLC sheet (good quality)	1 pack
13	Fluorescein	50 gm
14	Ninhydrin	50 gm

N. C. Kumbhar
 Principal
 VICTORIA INSTITUTION
 (College)

26/2/20

15	Benzophenone	500 gm
16	Benzoin	500 gm
17	p-Toludine	500 gm
18	Vaniline	500 gm
19	Potassium Hydrogen Tartarate	500 gm
20	Potassium Iodide	2x100gm
21	Methyl Acetate	500gm
22	Ferric Alam	500gm
23	Potassium Permanganate	500gm
24	Sodium Thiosulphate	500gm
25	Sodium Nitrite	500gm
26	Silver Nitrate	10gm
27	Copper Sulphate	500gm
28	Potassium dichromate	500 gm
29	Potassium oxalate monohydrate	500 gm
30	Potassium Hydroxide	500 gm
31	Acetylacetone	500 mL
32	Ethylene-di-amine	500 mL
33	Benzene	500 mL
34	Petroleum ether	500 mL
35	n-Heptane	500 mL
36	Acetone	500 mL
37	Acetonitrile	500 mL
38	Manganese sulfate tetrahydrate	500 gm
39	Ferric chloride (Anhydrous)	500 gm
40	Ferric sulfate hydrate	500 gm
41	Cobalt nitrate hexahydrate	100 gm
42	Nickel Chloride hexahydrate	500 gm
43	Ammonium Carbonate	500 gm
44	Ammonium Chloride	500 gm
45	Copper powder	500 gm
46	Perchloric acid 70%	250 mL

GLASS APPARATUS

Serial No.	Apparatus	Pack Size
1	Dropper	2 dozn
2	Beakers, Tall form, Without Spout Borosil (Product Code 1040021)	6 pcs
3	Digital Thermometer	1
4	Heat tolerant Porcelain basin/ china dish (10 cm diameter)	6
5	Weighing bottle (Small size)	6
6	Glass Dessicator (15 cm diameter)	1
7	Reagent Dropping Bottle	10


 Principal
 VICTORIA INSTITUTION
 (College)

26/2/20

INSTRUMENTS

Serial No.	Apparatus
1	Digital Polarimeter $\pm 200^0$ -levo and dextro digital readout. (Equiptronics; Model no:EQ-801)

4. Department of Zoology

Sl.No.	Item	specification
1	Histological stained slides: (Permanent slides)	a. Pituitary b. Spinal cord
2	Permanent specimen slides:	a. Trochophore larva b. <i>Vorticella</i> sp. c. <i>Euglena</i> sp. d. <i>Amoeba</i> sp. e. <i>Pediculus humanuscapitus</i>
3	Jar Specimens	a. <i>Cancer</i> sp. b. <i>Unio</i> sp. c. <i>Chelone</i> sp. d. <i>Gorgonia</i> sp. e. Earthworm f. <i>Palaemon</i> sp. g. <i>Nautilus</i> sp. h. <i>Clypeaster</i> sp. i. <i>Ophiura</i> sp. j. <i>Rana tigrina</i> k. <i>Trionyx</i> sp. l. <i>Pristis</i> sp. m. <i>Gambusia</i> sp. n. <i>Musca domestica</i> o. <i>Helicoverpa</i> sp. p. <i>Heliothis armigera</i> q. <i>Papilio demoleus</i> r. <i>Pyrilla perpusilla</i> s. <i>Balanoglossus</i> sp. t. <i>Dentallium</i> sp. u. <i>Branchiostoma</i> sp. v. <i>Callosobruchus chinensis</i>
4	Disarticulated skeleton of:	a. Pigeon b. Dog
5	Calf thymus of DNA	
6.	Chemicals:	a. Fehling's Soln. 1 b. Fehling's Soln. 2 c. Sodium hypobromide soln.


 Principal
 VICTORIA INSTITUTION
 (College)

26/2/20

		d. Haematoxylin (HARRIS Soln.)
		e. Methylene blue
		f. Uric Acid(Merck)
		g. Xylene(Merck)
		h. Formaline(Merck)
		i. Chloroform(Merck)
		j. Leishman(Merck)
		k. Methyl Green(Merck)
		l. Pyronine Y
		m. Leishman Stain
		n. Blood Group Kit
7.	Histological tissue Sections(Unstained)	a. Thyroid
		b. Pancreas
		c. Liver
		d. Testis
		e. Lung
		f. Ovary
		g. Adrenal
		h. Small intestine
		i. Large intestine
		j. Stomach
		k. Skin
		l. Duodenum
		m. Jejunum
		n. Ileum
8.	Materials	a. Gloves
		b. Parafilm
		c. Lifeboy hand wash
		d. Lifeboy soap
9.	Instrument	a. Haemoglobinometer
		b. Digital Blood Pressure Meter
10.	Glasswares	a. Glass Rod
		b. Watch glass
		c. Dropper
		d. Coupling Jar(poly lab)
		e. Glass slide(Rectangular)
		f. Glass Beaker
		g. Pipette Sucker

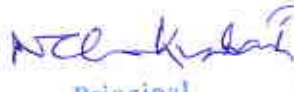
5. Department of Geography

SL.NO.	EQUIPMENT/INSTRUMENT
01	Refractometer
02	Battery operated portable Digital PH Meter with electrode. 125 mm X 75 mm X 25mm.
03	Iron – Wire Net with wooden frame 1m X 1m wooden frame With 2mm X 2mm iron wire net.


 Principal
 VICTORIA INSTITUTION
 (College)

26/2/20

04	Fortin's Barometer
SL.NO.	ALLIED EQUIPMENTS AND MATERIALS.
05	Glass Dropper
06	Distilled water 5litre jar
07	Buffer capsules of PH VALUES 7.4 & 9.2
08	Hot air oven with temperature control
09	Digital weighing machine of 0.001g -- 200g measurement capability
10	Mechanical Stirrer with RPM meter
11	Stainless Steel Spatula (6cm long)
12	Mortar Pestle (wooden / porcelain)
13	Borosilicate Glassware: Petri Dish (7cm diameter)
14	Beaker of 250ml.
15	Conical Flask of 250ml.
16	Glass Funnel of 7.5cm diameter
17	Whatman Filter Paper of 11cm. diameter
18	Reagent Glass bottle (with glass cap) of 250ml
19	Graduated Pipette of 25ml
20	Plastic Zip lock pouch
21	Measuring cylinder of 100ml
SL.NO.	IMAGERY
22	Satellite Imagery


 Principal
 VICTORIA INSTITUTION
 (College)

26/2/20