

KENDRIYA VIDYALAYA : PARADIP PORT

QUOTATION FOR SCIENCE MATERIALS

Sl. No	df description of goods with specificati	Quantity (approx.)	SPECIFICATION	Unit price	Delivery period / REMARKS	Place of deliver
	PHYSICS NON-CONSUMABLE :-				15 DAYS	
1	Lachalanche cell	2				
2	Daniel cell	2				
3	P-n Junction Diode (apparatus) characteristics	2				
4	Resistance Box (Mangauin), Range (0-50Ω), (0-1000 Ω) (o-10000 Ω)X ²	4				
5	(n-p-n/p-n-p) transistor det (apparatus)Characteristics.	2				
6	Prism(32×32 mm)	10				
7	Glass slab 4"×2.5×1"	5				
8	Optical Bench(Extra-superior Quantity)	2				
9	Millimeter (Sanwa) model[YTR-360]	1				
10	Lead Accumulator cell (6v)	2				
11	Stop Watch (RACER) (1/10)	2				
12	Wire Cutter	1				
13	Connecting Lead of Diode/Transistor	20				
14	Concave/Convex Lenses & mirror (F-L-15-20 cm)	Each 5				
15	Capillary Tube	5 packet				
16	Plug key					
	(one-way)	5				
	(two-way)	2				
17	Tapping Key	2				
18	Dip Circle (CSI std Quality)	1				
19	Viscosity Apparatus (CSI)	1				
20	Zener Diode Characteristic apparatus (for Demonstration)	1				
21	Semiconductor Diode Apparatus (for Demonstration purpose)	1				
22	Apparatus of copper plating (For demonstration)	1				
	CONSUMABLE:-					
1	Dry cell (6G type)	6 pcs				
2	Dry NH ₄ CL	500g				
3	Copper Sulphate (for Daniel cell)	500gm				
	Chemistry lab Non consumable					
1	Graduated flask 100 ml	10	Borosil			
2	Graduated flask 500 ml	1	Borosil			
3	Conical flask 100ml	10	Borosil			
4.	Pipette 10 ml (bulb type)	10	Borosil			
5.	Funnel plastic	6	Ordinary			
6.	Tripod stand (Burner)	6	Iron			
7.	Burette stand with clamp	6	Iron			
8.	Chemical balance	2	K.Roy & Co.			
9.	Melting point apparatus	1				
10.	Watch glass 3 inch diameter	15	Ordinary			
11.	Weighing bottle	04	Plastic			
12.	Porous plate	01				
13.	Reagent bottle 250ml	48	Soda glass			
14.	Reagent bottle (broad mouth) 100ml	06	Soda glass			
15.	Dropping bottle glass 100ml	06	Soda glass			
16.	China dish 3 inch	12				
17.	Thermometer(Red ink -10 -200°C)	2				
18.	Lactometer	1	Ordinary			

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19.	Tongue O6 inch	6	Stainless steel		
20.	Measuring cylinder 10ml	6	Ordinary		
21.	Capillary tube glass	1 gross	Ordinary		
22.	Cork different sizeTest tube to bottle	48	Ordinary		
23.	Wire gauze	24	Ordinary		
24.	Label book	1			
	Consumable				
1.	Chromatography paper	20 sheet			
2.	Ethyl alcohol	10 bottle			
3.	Litmus red solution	200ml	Sarafinechemicals		
4.	2,4-DNP	50 g	Sarafinechemicals		
5.	Sulphuric acid	2.5 lit	Sarafinechemicals		
6.	Ferrous sulphate	250 g	Sarafinechemicals		
7.	Ferrous ammonium sulphate	500 g	Sarafinechemicals		
8.	Diphenylamine	50 g	Sarafinechemicals		
9.	Tollens reagent	250 ml	Sarafinechemicals		
10.	Phenol	250 ml	Sarafinechemicals		
11.	Cadmium chloride	100 g	Sarafinechemicals		
12.	Alumium carbonate	250 g	Sarafinechemicals		
13.	Arsenic chloride	100 g	Sarafinechemicals		
14.	Dusting cloth	5 mit	Sarafinechemicals		
15.	Glucose	250 g	Sarafinechemicals		
16.	Sucrose	250 g	Sarafinechemicals		
17.	Methl orange	100ml	Sarafinechemicals		
18.	Alumium sulphate	500 g	Sarafinechemicals		
19.	Zinc sulphate	250 g	Sarafinechemicals		
20.	Sodium sulphide	250 g	Sarafinechemicals		
21.	Universal indicator	100ml	Sarafinechemicals		
22.	Spirit	10 lit	Sarafinechemicals		
23.	Urea	100 g	Sarafinechemicals		
24.	Thiourea	100 g	Sarafinechemicals		
25.	Barium acetate	250 g	Sarafinechemicals		
26.	Iso propyl alcohol	500 ml	Sarafinechemicals		
	BIOLOGY CONSUMABLE				
1	Chromatography paper	01 pkt	Whatman paper no.1		
2	Petroluem ether	250 ml	Merck/Qualigens		
3	Acetone	500ml	Merck/Qualigens		
4	Capillary tube	100gm	Borosil		
5	Cotton	500gm			
6	Sodium hypobromide	250gm	Merck/Qualigens		
7	Urease	100gm	Merck/Qualigens		
8	Robert's solution	250ml	Merck/Qualigens		
9	Smith's reagent	250ml	Merck/Qualigens		
10	Measuring cylinder	4 X 500ml	Borosil		
11	pH paper	2pkts			2each red & blue
12	Methyl alcohol	500 ml	Merck/Qualigens		
13	Hydrochloric acid	500ml	Merck/Qualigens		
14	Meshes	4			Of diff.sizes
15	Hair brush	10			zero no.
16	Sucrose	500gm	Merck/Qualigens		
17	Dropper	12			6" plastic
18	Benedict's solution	500ml	Merck/Qualigens		
19	Fehling's solution(A &B)	Each 500ml	Merck/Qualigens		
20	Biuret reagent	100ml	Merck/Qualigens		
21	Glass Aquarium	1	length- 61cm Fixed in aluminium frame & aluminium base		Length - 61 cm Breadth - 30cm Height - 30cm Width- 1cm
	NON CONSUMABLE				
1	Oven	1			
2	Dessicator	1	Small with cover knob top,Borosil		

3	Microslides (permanent)				
a)	T.S of blastula	1			
b)	Entamoeba histolytica	1			
c)	Plasmodium vivax	1			
d)	Microsporium andouini	1			
e)	Oscillatoria	1			
f)	Yeast	1			
g)	Amoeba	1			
h)	Hydra	1			
i)	Palisade parenchyma	1			
j)	Stone cells / Sclereids	1			
k)	Nerve fibre	1			
4	Museum Specimens				
a)	Moss plant	1			
b)	Fern plant	1			
c)	Thuja plant	1			
d)	Pinus plant	1			
e)	Vanda plant	1			
f)	Jussiaea	1			
g)	Nepenthes(Pitcher plant)	1			
h)	Root modifications(11types)	1 each			Tap,fusiform,napiform,tuberous,mangrove roots,sweet potato root, fasciculated,prop,stilt,assimilatory,Cuscuta roots.
i)	Types of inflorescence(11types)	1 each			Raceme,Corymb,Umbel,Spike,Catkin,Spadix,Capitulum,Monochasial Cyme,Dichasial ,Hypanthodium,Cyathium
j)	Eichhornia(water hyacinth)	1			
k)	Utricularia(bladder wort)	1			
l)	Capparis decidua(Kair/teent)	1			
m)	Vallisneria	1			
n)	Typha	1			
5	Biological Charts				
1)	Pedigree charts showing	1each			
a)	Inability to roll the tongue				
b)	Widow Peak				
2)	Homologous Organs	1			
3)	Homologous organs in plants	1			
4)	Analogous organs(animals)	1			
5)	Analogous organs(plants)	1			
6)	Human male reproductive system	1			
7)	Human female reproductive system	1			
8)	Human embryonic development	1			
9)	Monohybrid cross	1			
10)	Dihybrid cross	1			
11)	DNA replication	1			
12)	Transcription	1			
13)	Translation	1			
14)	Genetic code	1			

15)	Operon Concept	1		
16)	Plant families	1 each		
a)	Solanaceae-Petunia hybrid			
b)	Leguminosaea-Lathyrus odoratus			
c)	Liliaceae-Allium cepa			
17)	Endocrine system	1		
18)	Menstrual cycle	1		
19)	Charts (Portraits of scientists)	1 each	On white polyart	
a)	Charles Robert Darwin			
b)	Gregor John Mendel			
c)	P.Maheshwari			
d)	M.S.Swaminathan			
e)	Birbal sahani			
f)	Hargobind Khurana			
g)	Aristotle			
h)	Threophrastus			
20)	Deficiency diseases	1		
21)	Vegetative propagation	1		
22)	Pollination -different types	1		
23)	Models	1 each		
a)	Earthworm			
b)	Cockroach			
c)	Frog			
24)	Stuffed animals	1 each		
a)	Pigeon			
b)	Rabbit			
25)	Slide box	2	Big size	
26)	Cover slips	1 pkt of	Blue star,round	