

University of Salaheddine - Erbil
Requirements DP-VII - December 99

Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00001	Pick-up Toyota Double Cabinet	newest model.	.	unit	1	Scientific Affairs Dept.
06-04-00002	Pentium III	With all accessories	.	set	1	Scientific Affairs Dept.
06-04-00003	Pentium III	With all accessories	.	set	1	Vice Chancellor office
06-04-00004	Bus (40 seats)	yellow or white color (Please no Green)	.	unit	12	Vice Chancellor office
06-04-00005	Nissan patrol 4x4 with air condition, radio cassette	.	.	unit	2	Vice Chancellor office
06-04-00006	Toyota pick-up with air condition and radio cassette	.	.	unit	2	Vice Chancellor office
06-04-00007	Book shelves	Woodsen Library for keeping books, files and other secret documents, about 2m in height and 2.5 m in width, can be made locally according to the desired specification.	Locally	piece	1	Vice Chancellor office
06-04-00008	CD200 series OMRS	Optical mark reading for student admision	.	piece	1	Vice Chancellor office
06-04-00009	Conference Table	Wooden, large enough for meeting, with custom height, can be made locally	Locally	piece	1	Vice Chancellor office
06-04-00010	Chairs	Chairs for meeting, custom size, with good cushions	Locally	piece	8	Vice Chancellor office
06-04-00011	Bus	coaster model 1998 (Japan)	.	unit	1	Central Admissions office
06-04-00012	pick-up truck	Toyota model 1999 (Japan)	.	unit	2	Central Admissions office
06-04-00013	video projector	sharp + tv. Art card	.	piece	3	Central Admissions office
06-04-00014	computer pentuim (III)	450 MHZ, 128 MB RAM, 10.2 GB HARD DISC, MONITOR 15 INCH, S.VBA 8 MB, 44 X CD+ 300 WDT. Mouse & Pad	.	set	15	Central Admissions office
06-04-00015	PHOTO COPY	CANON MODEL 1215	.	unit	4	Central Admissions office
06-04-00016	PRINTER HP LASER JET	8500 A3 COLOR	.	piece	2	Central Admissions office
06-04-00017	PRINTER HP LASER JET	1100 A4	.	piece	4	Central Admissions office
06-04-00018	CD DRIVE	WRITER YAMAHA 16X	.	piece	4	Central Admissions office
06-04-00019	UPS - 1200 W.	.	.	piece	5	Central Admissions office
06-04-00020	Table & chair for computer	.	.	set	15	Central Admissions office

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06-04-00021	Oil - heater	sanyo	.	unit	8	Central Admissions office
06-04-00022	Air cooler	Japan made	.	unit	5	Central Admissions office
06-04-00023	Scanner	Standard model	.	piece	4	Central Library
06-04-00024	Indexing and classification machine	.	.	piece	4	Central Library
06-04-00025	Microfilm	.	.	.	3	Central Library
06-04-00026	Animated films with equipments	.	.	.	2	Central Library
06-04-00027	Intercom	.	.	.	1	Central Library
06-04-00028	Computer	IBM with all accessories	.	.	15	Central Library
06-04-00029	Printer HP Laser Jet	.	.	.	15	
06-04-00030	Computer table	.	.	.	15	Central Library
06-04-00031	Swivel chairs	.	.	.	15	Central Library
06-04-00032	Photocopy machine	Black and white, Minolta	.	.	2	Central Library
06-04-00033	Photocopy machine	Color, Minolta	.	.	2	Central Library
06-04-00034	Electric duplicator	.	.	.	1	Central Library
06-04-00035	Manual duplicator	.	.	.	1	Central Library
06-04-00036	Bus Nissan - 24 passangers	with A/C - Auto Radio Cassette	.	.	1	Central Library
06-04-00037	Pick-up, Toyota	with Air condition, radio cassette, double cabinet	.	.	1	Central Library
06-04-00038	Electric Machine for plastering	(heating system)	.	.	1	Central Library
06-04-00039	Manual Machine for plastering	(heating system)	.	.	1	Central Library
06-04-00040	Developed Indexers	.	.	.	40	Central Library
06-04-00041	beaker glass 25-500ml	.	.	.	200	Central Warehouse
06-04-00042	volumetric Hash 25-500ml	.	.	.	100	Central Warehouse
06-04-00043	morter with pastill porcellain	.	.	.	100	Central Warehouse
06-04-00044	morter with pastill glass 5cm-7cm	.	.	.	100	Central Warehouse
06-04-00045	round bottle hash	Q.F 250ml-500ml	.	.	300	Central Warehouse
06-04-00046	Burettes	25ml-50ml, 100ml	.	.	250	Central Warehouse
06-04-00047	pipettes graduate 5ml-10ml	.	.	.	300	Central Warehouse
06-04-00048	Test tube	different size/pyrex/normal	.	.	300	Central Warehouse

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06-04-00049	caped test tube	.	.	.	200	Central Warehouse
06-04-00050	Centrifuge tubes	.	.	.	500	Central Warehouse
06-04-00051	durharn tubes	.	.	.	150	Central Warehouse
06-04-00052	reagent bottle different size	.	.	.	500	Central Warehouse
06-04-00053	sterrors rods	.	.	.	250	Central Warehouse
06-04-00054	glass rod	.	.	.	200	Central Warehouse
06-04-00055	parafilm	.	.	Pack	500	Central Warehouse
06-04-00056	spatula	.	.	.	200	Central Warehouse
06-04-00057	filter papers watman	.	.	Pack	1000	Central Warehouse
06-04-00058	condensel different shape & size	.	.	.	60	Central Warehouse
06-04-00059	vials different size	.	.	.	1000	Central Warehouse
06-04-00060	thimbles	.	.	.	500	Central Warehouse
06-04-00061	pipett files	.	.	.	200	Central Warehouse
06-04-00062	brushes for test tube	.	.	.	100	Central Warehouse
06-04-00063	brushes for burettus	.	.	.	200	Central Warehouse
06-04-00064	Bunsen burner	.	.	.	150	Central Warehouse
06-04-00065	cylinder 5ml-250ml	.	.	.	300	Central Warehouse
06-04-00066	cleaning clothes-tissues	.	.	.	200	Central Warehouse
06-04-00067	cork stopper	.	.	.	500	Central Warehouse
06-04-00068	tubbing rubber different diameter	.	.	.	500	Central Warehouse
06-04-00069	funnel glass	.	.	.	200	Central Warehouse
06-04-00070	density bottle	.	.	.	100	Central Warehouse
06-04-00071	lables rule	.	.	Pack	50	Central Warehouse
06-04-00072	pikam meter	.	.	.	100	Central Warehouse
06-04-00073	burhner fumel	.	.	.	50	Central Warehouse
06-04-00074	buchues flase(s) small	.	.	.	50	Central Warehouse
06-04-00075	buchus rubber	.	.	.	100	Central Warehouse
06-04-00076	crucible(nickle)	.	.	.	200	Central Warehouse
06-04-00077	crucible(platine)	.	.	.	100	Central Warehouse
06-04-00078	jar for chronatography	different size	.	.	200	Central Warehouse
06-04-00079	crucible filter sinta glass	.	.	.	100	Central Warehouse
06-04-00080	thin layer chromatography plate	.	.	.		Central Warehouse
06-04-00081	thermometer 10-360 c°	.	.	.	100	Central Warehouse
06-04-00082	thermometer B.F(quick fit)	.	.	.	200	Central Warehouse

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06-04-00083	separating funnels	different size & tube	.	.	500	Central Warehouse
06-04-00084	microtome knives	.	.	.	100	Central Warehouse
06-04-00085	Polythelen/carbon siphon pumps	.	.	.	100	Central Warehouse
06-04-00086	gloves different types and size	.	.	.	200	Central Warehouse
06-04-00087	dispensible respirator	???	.	.	100	Central Warehouse
06-04-00088	micro pipettes different size	.	.	.	200	Central Warehouse
06-04-00089	micro syringe different size	.	.	.	200	Central Warehouse
06-04-00090	H2SO4	.	.	Liter	40	Central Warehouse
06-04-00091	HCL	.	.	Liter	50	Central Warehouse
06-04-00092	HNO3	.	.	Liter	40	Central Warehouse
06-04-00093	Methanol	.	.	Liter	40	Central Warehouse
06-04-00094	Acetone	.	.	Liter	60	Central Warehouse
06-04-00095	Acetic acide	.	.	Liter	60	Central Warehouse
06-04-00096	Glacial acetic acede	.	.	Liter	40	Central Warehouse
06-04-00097	Formaline	.	.	Liter	20	Central Warehouse
06-04-00098	Naoh	.	.	Kg	10	Central Warehouse
06-04-00099	KI	.	.	Kg	5	Central Warehouse
06-04-00100	Ethlacetate	.	.	Liter	20	Central Warehouse
06-04-00101	Furfural	.	.	Liter	5	Central Warehouse
06-04-00102	DNA powder	.	.	Kg	10	Central Warehouse
06-04-00103	RNA powder	.	.	Kg	10	Central Warehouse
06-04-00104	Colcine	.	.	Kg	5	Central Warehouse
06-04-00105	Ethanol(98%, 95.70)	.	.	Liter	60	Central Warehouse
06-04-00106	Chloroform	.	.	Liter	60	Central Warehouse
06-04-00107	Benzene	.	.	Liter	70	Central Warehouse
06-04-00108	CCl4	.	.	Liter	70	Central Warehouse
06-04-00109	Sodium tungstate	.	.	Kg	5	Central Warehouse
06-04-00110	Agno3	.	.	Kg	5	Central Warehouse
06-04-00111	AgIo3	.	.	Kg	5	Central Warehouse
06-04-00112	NH4OH	.	.	Liter	40	Central Warehouse
06-04-00113	PH 7 TAB	.	.	grain	1000	Central Warehouse
06-04-00114	PH 4 TAB	.	.	grain	1000	Central Warehouse
06-04-00115	PH 9 TAB	.	.	grain	1000	Central Warehouse

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06-04-00116	Acryl amide	.	.	Kg	5	Central Warehouse
06-04-00117	Trichlero acetic acede	.	.	Kg	5	Central Warehouse
06-04-00118	Monocloro acetic acede	.	.	Kg	5	Central Warehouse
06-04-00119	Aniline	.	.	Liter	20	Central Warehouse
06-04-00120	Panpar	.	.	Kg	2	Central Warehouse
06-04-00121	Xylol	.	.	Liter	20	Central Warehouse
06-04-00122	Kcn	.	.	Kg	5	Central Warehouse
06-04-00123	KSCN	.	.	Kg	5	Central Warehouse
06-04-00124	Hg(No3)2	.	.	Kg	2	Central Warehouse
06-04-00125	HgCl2	.	.	Kg	2	Central Warehouse
06-04-00126	12-Crown-4	.	.	Kg	5	Central Warehouse
06-04-00127	15-Crown-5	.	.	Kg	5	Central Warehouse
06-04-00128	18-Crown-6	.	.	Kg	5	Central Warehouse
06-04-00129	Dlbenzo-18-crown-6	.	.	Kg	5	Central Warehouse
06-04-00130	21-Crown-7	.	.	Kg	2	Central Warehouse
06-04-00131	24-Crown-8	.	.	Kg	2	Central Warehouse
06-04-00132	Dibenzo-24-crown-8	.	.	Kg	2	Central Warehouse
06-04-00133	Dicyclohexyl-18-crown-6	.	.	Kg	2	Central Warehouse
06-04-00134	1,2-Dichloro, ethaen	.	.	Kg	5	Central Warehouse
06-04-00135	Ptolium ether(20-60°)	.	.	Liter	80	Central Warehouse
06-04-00136	1,2 Dicloro mechine	.	.	Liter	20	Central Warehouse
06-04-00137	Diethyl ether	.	.	Liter	30	Central Warehouse
06-04-00138	Potato dextrose-agar	.	.	Kg	2	Central Warehouse
06-04-00139	distrine plastizer Xylenlene(DPX)	.	.	Liter	5	Central Warehouse
06-04-00140	Nutrient Agar	.	.	Kg	5	Central Warehouse
06-04-00141	Styrene monomer	.	.	Kg	10	Central Warehouse
06-04-00142	Acrylo nitrile	.	.	Liter	5	Central Warehouse
06-04-00143	Zinc Cloride	.	.	Kg	5	Central Warehouse
06-04-00144	Carbone disulphide	.	.	Liter	10	Central Warehouse
06-04-00145	Titanium oxide	.	.	Kg	2	Central Warehouse
06-04-00146	Tera hydro furane	.	.	Liter	15	Central Warehouse
06-04-00147	Dimethyl formamide	.	.	Liter	15	Central Warehouse
06-04-00148	Chloroform for HPLC	.	.	Liter	5	Central Warehouse
06-04-00149	Waler for HPLC	.	.	Liter	5	Central Warehouse
06-04-00150	Methanol for HPLC	.	.	Liter	5	Central Warehouse
06-04-00151	Ethanol for HPLC	.	.	Liter	5	Central Warehouse

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00152	Acetone for HPLC	.	.	Liter	5	Central Warehouse
06-04-00153	Acrylo nitrile for HPLC	.	.	Liter	5	Central Warehouse
06-04-00154	4-amino anti pyrine	.	.	Gram	900	Central Warehouse
06-04-00155	Creatine	.	.	Gram	900	Central Warehouse
06-04-00156	Aspartic acid	.	.	Gram	900	Central Warehouse
06-04-00157	keto glutaric acid	.	.	Gram	900	Central Warehouse
06-04-00158	Disodium phenyl phosphate	.	.	Gram	900	Central Warehouse
06-04-00159	sulpho salicylic acid	.	.	Gram	900	Central Warehouse
06-04-00160	Alanine	.	.	Kg	4	Central Warehouse
06-04-00161	Phenylalahine	.	.	Kg	4	Central Warehouse
06-04-00162	Potassium dihydrogen phosphate	.	.	Gram	900	Central Warehouse
06-04-00163	Kag(CN)2	.	.	Kg	1	Central Warehouse
06-04-00164	Nutriant broth	.	.	Kg	15	Central Warehouse
06-04-00165	Blood agar	.	.	Kg	15	Central Warehouse
06-04-00166	Mac conkey agar	.	.	Kg	15	Central Warehouse
06-04-00167	mac con key brath	.	.	Kg	15	Central Warehouse
06-04-00168	agar	.	.	Kg	20	Central Warehouse
06-04-00169	pepton	.	.	Kg	15	Central Warehouse
06-04-00170	azide dextrose agar	.	.	Kg	15	Central Warehouse
06-04-00171	acede alucose broth	.	.	Kg	15	Central Warehouse
06-04-00172	methyl-red-vogous-troskour	.	.	Kg	15	Central Warehouse
06-04-00173	t.c.b.s	.	.	Kg	15	Central Warehouse
06-04-00174	tetra thionet broth	.	.	Kg	15	Central Warehouse
06-04-00175	thioglyco late broth	.	.	Kg	15	Central Warehouse
06-04-00176	brain heart infusion	.	.	Kg	12	Central Warehouse
06-04-00177	s.s agar	.	.	Kg	15	Central Warehouse
06-04-00178	semi solid mannitol	.	.	Kg	15	Central Warehouse
06-04-00179	mannitol salt agar	.	.	Kg	15	Central Warehouse
06-04-00180	matality test media	.	.	Kg	15	Central Warehouse

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06-04-00181	czapex dox agar	.	.	Kg	14	Central Warehouse
06-04-00182	standerd method agar	.	.	Kg	15	Central Warehouse
06-04-00183	crystal vioolet	.	.	Kg	0.5	Central Warehouse
06-04-00184	flagellar satin	.	.	Kg	0.5	Central Warehouse
06-04-00185	malaket green	.	.	Gram	200	Central Warehouse
06-04-00186	neigrosin	.	.	Gram	200	Central Warehouse
06-04-00187	albert stain	.	.	Gram	300	Central Warehouse
06-04-00188	giem za stain	.	.	Gram	500	Central Warehouse
06-04-00189	lishman stain	.	.	Gram	500	Central Warehouse
06-04-00190	zhiel-nelseen stain	.	.	Gram	200	Central Warehouse
06-04-00191	lasto phenol	.	.	MI	500	Central Warehouse
06-04-00192	cohon blue	.	.	MI	500	Central Warehouse
06-04-00193	eosine	.	.	Gram	500	Central Warehouse
06-04-00194	hematoxy line	.	.	Gram	500	Central Warehouse
06-04-00195	safranin	.	.	Gram	500	Central Warehouse
06-04-00196	iodine	.	.	Gram	200	Central Warehouse
06-04-00197	eosine-methely ne blue	.	.	Gram	200	Central Warehouse
06-04-00198	methyline blue	.	.	Gram	500	Central Warehouse
06-04-00199	bromo crezol purple	.	.	kg	4	Central Warehouse
06-04-00200	bromo crezol green	.	.	Gram	500	Central Warehouse
06-04-00201	Stencil Paper	Course type	.	.	1000	Supplies & Warehouse Dep.
06-04-00202	A4 Paper	Star Copy type	.	.	3000	Supplies & Warehouse Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00203	roneo	.	.	.	500	Supplies & Warehouse Dep.
06-04-00204	Electric Copy printer	Arabic keyboard	.	.	50	Supplies & Warehouse Dep.
06-04-00205	Electric Copy printer	Kurdish keyboard	.	.	50	Supplies & Warehouse Dep.
06-04-00206	Electric Copy printer	English keyboard	.	.	30	Supplies & Warehouse Dep.
06-04-00207	Tape printer machine	16 mm	.	.	100	Supplies & Warehouse Dep.
06-04-00208	Tape printer machine	13 mm	.	.	100	Supplies & Warehouse Dep.
06-04-00209	Stapler	Big size	.	.	100	Supplies & Warehouse Dep.
06-04-00210	Stapler	Medium size	.	.	500	Supplies & Warehouse Dep.
06-04-00211	Computer	Pentium III 500MHz Processor Intel, 128 MB SDRAM DIMM, 10 GB Hard Disk, 48X IDE CDROM, 8MB Voodoo 3(or any supporting 2X AGP Spec.), 17 inch SVGA Monitor, PCI Sound Card (Sound Blaster Compatible), Speakers and Microphone, 3COM PCI 10/100 Twisted Pair Ethernet card & Necessary Land Accessory	.	.	15	Computer Center
06-04-00212	Computer	Pentium III 500MHz Processor, 128 MB SDRAM DIMM, 13 GB Hard Disk, 6x DVD-ROM Drive, 16MB Voodoo 3(or any supporting 2X AGP Spec.), 19 inch SVGA Monitor, PCI Sound Card (Sound Blaster Compatible), Speakers and Microphone, 3COM PCI 10/100 Twisted Pair Ethernet card & Necessary Land Accessory	.	.	3	Computer Center
06-04-00213	Modem	56Kbps Fax-Data-Voice Modem (3com)	.	.	3	Computer Center
06-04-00214	Hub	16 port Hub (3com or any compatibles)	.	.	3	Computer Center
06-04-00215	Video Projector	Sharp +Tv. Out card	.	.		Computer Center
06-04-00216	Storage Device	Portable massive storage device (at least 120MB)	.	.	3	Computer Center
06-04-00217	Scanner	mustic (9600 dpi) A3	.	.	3	Computer Center
06-04-00218	Printers	HP laserJet 1100	.	.	10	Computer Center
06-04-00219	Printers	HP LaserJet Color 8500 A3 size	.	.	3	Computer Center
06-04-00220	Photo copy Machine	Sharp 1516	.	.	3	Computer Center

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00221	Photocopy machine	Canon 1215	.	.	2	Computer Center
06-04-00222	Cd-Writer	Compro 8X	.	.	3	Computer Center
06-04-00223	UPS	1200 W	.	.	3	Computer Center
06-04-00224	Computer	.	.	.	1	Continuing Education
06-04-00225	Xerox	.	.	.	1	Continuing Education
06-04-00226	Aircondition	2 ton capacity, window type, hot and cool system	.	.	1	Continuing Education
06-04-00227	Heating system for 3x4 m ²	.	.	.	1	Continuing Education
06-04-00228	roneo	As already provided	.	.	1	Engineering Dep.
06-04-00229	Photocopier	Standard size	.	.	1	Engineering Dep.
06-04-00230	Drawing printer	.	.	.	1	Engineering Dep.
06-04-00231	Theodolite	.	.	.	1	Engineering Dep.
06-04-00232	Level	.	.	.	2	Engineering Dep.
06-04-00233	Engineering drawing board	.	.	.	3	Engineering Dep.
06-04-00234	Different office furniture	.	Locally	.		Engineering Dep.
06-04-00235	Heidelberg speed master (71x102 cm), one color offset press	Model (1980- 1990), Germany made	Heidelberg made	.	1	University printing press
06-04-00236	Heidelberg speed master (71x102 cm), two color offset press	Model (1980- 1990), Germany made	Heidelberg made	.	1	University printing press
06-04-00237	Heidelberg GTO size (36x52 cm), one color offset press	Model (1980- 1990), Germany made	Heidelberg made	.	1	University printing press
06-04-00238	Vacuomatic mark six	England made	.	.	1	University printing press
06-04-00239	Three knif Trimmer	Germany made	.	.	1	University printing press
06-04-00240	Hydrolic hand pallet truck (2 ton)	Switzerland made	.	.	2	University printing press
06-04-00241	Rex Rotary small offset plate	maker size (254x356 mm) Denmark made	.	.	2	University printing press
06-04-00242	Slitting- Rewinding machine	Italy made	.	.	1	University printing press
06-04-00243	Laser jet printer 4 color A4 paper	.	.	.	1	University printing press
06-04-00244	Power Macintosh	LCIII 16 M.B RAM H.D 80M.B, (14") color monitor	.	.	1	University printing press

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06-04-00245	Computer pentium II	300MHz H.D- 6.4 G.B, 64M.B RAM	.	.	1	University printing press
06-04-00246	Instructor Certification	Universal / Physical Fitness Instructor Certification Program	USA, Corporate office Main manufacturing plant	.	1	Coll. of Physical Education
06-04-00247	Computerizing Rowing Machines (34)	universal new generation of " interactive " exercise equipment	USA, Corporate office Main manufacturing plant-P.O box 1275 tel 319-365-2561	.	1	Coll. of Physical Education
06-04-00248	Computerizing Exercise Bikes 30 Aerobicycle	Universal AEROBICYCLE	USA, Corporate office Main manufacturing plant	.	2	Coll. of Physical Education
06-04-00249	Computerizing Treadmiles (32)	Universal , State of Art Commercial Tread mill designed for Fitness clubs , Hospital Hotels employee Fitness facilities and other Institution.	USA, Corporate office Main manufacturing plant	.	2	Coll. of Physical Education
06-04-00250	Centurion Multistation Machines (20)	Station Identification and Wight guide.	USA, Corporate office Main manufacturing plant	.	1	Coll. of Physical Education
06-04-00251	Pick-up - double cab.	with Air condition and radio cassette	.	.	1	Coll. of Law & Politics
06-04-00252	Copy printer with extra masters	(Rezograph)	.	.	5	Coll.of Admin & Economic
06-04-00253	Set of satellilte receiver for different offices in the College	.	.	.	2	Coll.of Admin & Economic
06-04-00254	72 " TV and satellite receiver	Sony or Hitachi or Samsung for studet club.	.	set	1	Coll.of Admin & Economic
06-04-00255	40" TV and satellite receiver	(Sony or Hitachi or Samsung)for faculty staff club.	.	.	1	Coll.of Admin & Economic
06-04-00256	Kerosene Heater, Ishtar	.	.	.	84	Coll.of Admin & Economic
06-04-00257	Service car	Pick-up, with Patrol, Air cooler and radio cassette	.	.	1	Coll. of Law (evening)
06-04-00258	Computer	128MB RAM, 8MB VRAM, 48X CD ROM, 8XH CD-WRITE, 17" SVGA Monitor, Keyboard Cache memory, 2MBCach Memory	.	.	2	Coll. of Edu/Arabic Dep.
06-04-00259	Laser Jet Printer	.	.	.	2	Coll. of Edu/Arabic Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00260	Refrigrator and Freezer	No-Frost operation, 2 ice trays, Basket in Freezer compartment, Small - goods rackwirb door, meat case, Crisper Vawer, 4Vollers at each corner for easy moving & Overwhelming power of 420 watt	NR-466EA National type		1	Coll. of Edu/Arabic Dep.
06-04-00261	Stereo Music system	Hi- speed editing double Cassette desk with auto-reverse, 4 band quartz synthesizer tuner with 4AM/FM preset tuning	National	.	2	Coll. of Edu/Arabic Dep.
06-04-00262	Air conditionor	Split - 2 tons	.	.	3	Coll. of Edu/Arabic Dep.
06-04-00263	Photocopy system	Pentium III 600 MHz(Intel)	Canon		1	Coll. of Edu/Arabic Dep.
06-04-00264	Computer	128MB RAM, 8MB VRAM, 48X CD ROM, 8XH CD-WRITE, 17" SVGA Monitor, Keyboard Cache memory, 2MBCach Memory			7	Coll. Edu/ Mathematics
06-04-00265	Computer Table	Haweld Pakard	Japan Modle		7	Coll. Edu/ Mathematics
06-04-00266	A4 Laser Jet Printer	Haweld Pakard	USA		7	Coll. Edu/ Mathematics
06-04-00267	A4 Desk Jet Printer Colore	Overhead Desk 03219	USA		1	Coll. Edu/ Mathematics
06-04-00268	Overhead Projector	Mini Desk 03209 with Overhead Projection trolley 03310, with Overhead Projector & A Laboratory Used for the purpose of Teaching	Hohen loher		1	Coll. of Edu/ English Dep.
06-04-00269	Sound Lab.	English Sound Provided with all necessary equipment	.	.	1	Coll. of Edu/ English Dep.
06-04-00270	Computer	Pentium III 600 MHz(Intel), 128MB RAM, 8MB VRAM, 48X CD ROM, 8XH CD-WRITE, 17" SVGA Monitor, Keyboard Cache memory, 2MBCach Memory, 12GBHard drive	.	.	30	Coll. of Edu/ Dean office
06-04-00271	Computer Table	Hidrolic	Japan Modle	.	100	Coll. of Edu/ Dean office
06-04-00272	Computer Chair	.	.	.	100	Coll. of Edu/ Dean office
06-04-00273	Data show	1200DPI color	Sony Co.		2	Coll. of Edu/ Dean office
06-04-00274	Scanner	A3-12pen			6	Coll. of Edu/ Dean office
06-04-00275	Plotter	color lasaer Jet A4	Hewlett Packard		2	Coll. of Edu/ Dean office
06-04-00276	Printer	Laser Jet Printer	Hewlett Packard		1	Coll. of Edu/ Dean office

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00277	Printer	color Desk Jet	Hewlett Packard		10	Coll. of Edu/ Dean office
06-04-00278	Printer	8086	Hewlett Packard		2	Coll. of Edu/ Dean office
06-04-00279	Expermental Kit	1800 Watt	.	.	25	Coll. of Edu/ Dean office
06-04-00280	UPS	Dual truck , 100MHz, Memory Stogage	.	.	30	Coll. of Edu/ Dean office
06-04-00281	Oscilloscope	with wires and IC's (AND,OR,NOR...)	.	.	25	Coll. of Edu/ Dean office
06-04-00282	Logic Design Boarb	100MHz , PLL, Wave Shape square + Triangle + SinWave	.	.	25	Coll. of Edu/ Dean office
06-04-00283	Function Generator	16-bit	.	.	25	Coll. of Edu/ Dean office
06-04-00284	Logic Analyzer	Regulated Current & Voltage 15V,5Vadjustable AC,DC	.	.	25	Coll. of Edu/ Dean office
06-04-00285	Power Supply	For HP Deskjet 690C	.	.	25	Coll. of Edu/ Dean office
06-04-00286	Ink for Printer	.	.	.	30	Coll. of Edu/ Dean office
06-04-00287	3D Scanner	Digital - Alaloge with Universal LNB WITH 150cm Dish	Hewlett Packard		1	Coll. of Edu/ Dean office
06-04-00288	Satellite Receiver	Full system color , 27' Screen size	Sony Co.		10	Coll. of Edu/ Dean office
06-04-00289	TV Set - 29"	Digital	Sony Co.		10	Coll. of Edu/ Dean office
06-04-00290	VCR	Analog	Sony Co.		10	Coll. of Edu/ Dean office
06-04-00291	VCR	Electronics , Work banch (Latest Version)	Sony Co.		10	Coll. of Edu/ Dean office
06-04-00292	Programme CD				3	Coll. of Edu/ Dean office
06-04-00293	A Technical guide for computer handsave and Bios	.	.	.	3	Coll. of Edu/ Dean office
06-04-00294	Chalkboard	Green			4	Coll. of Edu/ Psychology Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00295	Metal book shelves	With glass doors			4	Coll. of Edu/ Psychology Dep.
06-04-00296	Wooden book shelves	Big size			2	Coll. of Edu/ Psychology Dep.
06-04-00297	Wooden office desk	With three drawers			5	Coll. of Edu/ Psychology Dep.
06-04-00298	Board with stand				2	Coll. of Edu/ Psychology Dep.
06-04-00299	Video Camera	Panasonic			1	Coll. of Edu/ Psychology Dep.
06-04-00300	Refrigerator, 8 foot	.	.	.	2	Coll. of Edu/ Psychology Dep.
06-04-00301	File cabinet, with 4 draewrs	.	.	.	2	Coll. of Edu/ Psychology Dep.
06-04-00302	Photocopy machine	NP 1215- SELEX 3000, Canon			1	Coll. of Edu/ Psychology Dep.
06-04-00303	Computer	Pentium III 600 MHz(Intel), 128MB RAM, 8MB VRAM, 48X CD ROM, 8XH CD-WRITE, 17" SVGA Monitor, Keyboard Cache memory, 2MBCach Memory			2	Coll. of Edu/ Psychology Dep.
06-04-00304	Maquette for human skeleton	.	.	.	2	Coll. of Edu/ Psychology Dep.
06-04-00305	Maquette for head (with brain and bone marrow)	.	.	.	1	Coll. of Edu/ Psychology Dep.
06-04-00306	Air cooler, conveyer	.	.	.	3	Coll. of Edu/ Psychology Dep.
06-04-00307	Dissecting sets	.	.	.	1	Coll. of Edu/ Psychology Dep.
06-04-00308	Lamp for Mettler Balance	Mettler E200,E2000 & H80 balance(f)	BD-X 200 - U Griffin - 80182		20	Coll. of Edu/ Chemistry Dep.
06-04-00309	Lamp for Mettler Balance	Mettler P163-P1210 &H31AR Balance(f)	BDX-240-p Griffin 80\82		20	Coll. of Edu/ Chemistry Dep.
06-04-00310	UV Source for Spectrophotometer	Type No. 010K,6V,24W , Class F, Milton Roy Spictronic 601 Spectrophotometer	57969 VWR - Scintefic 92\93		10	Coll. of Edu/ Chemistry Dep.
06-04-00311	Projector Lamps	Type No. 050V,6V,24W , Class F	XGH -720		5	Coll. of Edu/ Chemistry Dep.
06-04-00312	Projector Lamps	Type No. 070P,12V,24W , Class F	.	.	5	Coll. of Edu/ Chemistry Dep.
06-04-00313	Projector Lamps	Type No. 090J,12V,24W , Class F	.	.	5	Coll. of Edu/ Chemistry Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00314	Projector Lamps	Type No. 110G,12V,28W , Class F	.	.	5	Coll. of Edu/ Chemistry Dep.
06-04-00315	Projector Lamps	Type No. 050V,6V,24W, Class F	.	.	5	Coll. of Edu/ Chemistry Dep.
06-04-00316	Accessories for overhead Projector	PXH-300X Overhesd Projector for N-S or E-W Direction	.	.		Coll. of Edu/ Chemistry Dep.
06-04-00317	Accessories Scroll Attahments	PXH -300X Overhead Projector 270x270 mm	PXH -340-502y Griffin 80\82		20	Coll. of Edu/ Chemistry Dep.
06-04-00318	Acetate Sheets	PXH-300X Overhead Projector for Scroll attachenents	PXH-340-512F Griffin 80\82		20	Coll. of Edu/ Chemistry Dep.
06-04-00319	Acetate roll	PXH-300X Overhead Projector for Acetate Sheets	PXH-340-536X Griffin 80\82		20	Coll. of Edu/ Chemistry Dep.
06-04-00320	Card frames	Set of Comprising one each black, blue , green , orange, red & yellow	PXH-340-536X Griffin 80\82		20	Coll. of Edu/ Chemistry Dep.
06-04-00321	Wax Pens	type 5590C(High precision Tensley Potintimeter)	PXH-530-50213		20	Coll. of Edu/ Chemistry Dep.
06-04-00322	Vernier potentiometer	Reading from 0 to 1-801011 Volts in Steps of 0.1Micro V	.	.	10	Coll. of Edu/ Chemistry Dep.
06-04-00323	Single range potentiometer	Gator-Horizontal Gel system model A2	.	.	10	Coll. of Edu/ Chemistry Dep.
06-04-00324	Electrophorsis	Super Frac Fraction Collector UV-I/UV-M Monetor	BDH Cata. 97\98	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00325	Fraction Collector	Banch top Otomatic AR600	The world of pharmacia Bioteh 95-96	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00326	Refractometer	RFS-444-010P	Fisher Cata. 2000	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00327	Refrigtometer, Blood Bank	ADP220	Fisher Cata. 2001	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00328	Polarimeter	BS 734, Part 1	Fisher Cata. 2002	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00329	Hydrometer,Lactometer	To BS 696, Part 1 Capacity10.94 ml	Fisher Cata. 2003	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00330	Gerber tube	Scotsman ACM 225AS	Fisher Cata. 2004	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00331	Ice-Tube Maker	Gallenkamp FSE-281-010B Max Temp.1100	Fisher Cata. 2005	Set	1	Coll. of Edu/ Chemistry Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00332	Hotspost Furace	Water still Distionection 4L/h	Fisher Cata. 2006	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00333	Distilation system	PR600/Them 600	Fisher Cata. 2007	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00334	Heating stage for liquid Crystal work	Wild M28	Poer Scintific Ltn1990	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00335	Stiro microscope	DSC 700	Leica AG 1995	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00336	Diffrintial Scaning Calorimeter	500 ohm ,0.4W	Thermal Scinces	Set	1	Coll. of Edu/ Chemistry Dep.
06-04-00337	Potintimeter	560 ohm,0.4W	Phywe 39103.03		100	Coll. of Edu/ Physics Dep.
06-04-00338	Potintimeter	1K ohm ,0.4W	Phywe 39103.18		100	Coll. of Edu/ Physics Dep.
06-04-00339	Potintimeter	F 70.00	Phywe 39103.04		100	Coll. of Edu/ Physics Dep.
06-04-00340	Light Depence Resistor	0.1Micro f , 500 V	Phywe 39119.03		30	Coll. of Edu/ Physics Dep.
06-04-00341	Capacitors	10 Micro f , 70 V	Phywe 39105.18		30	Coll. of Edu/ Physics Dep.
06-04-00342	Capacitors	100 Micro f,35V	Phywe 39105.28		30	Coll. of Edu/ Physics Dep.
06-04-00343	Capacitors	12-15 V,30mA	Phywe 39105.25		30	Coll. of Edu/ Physics Dep.
06-04-00344	Light emiting Diode	BC 177A ,Base on Right	Phywe 39155.00		30	Coll. of Edu/ Physics Dep.
06-04-00345	Transistor	BC 177A ,Base on Left	Phywe 39127.06		250	Coll. of Edu/ Physics Dep.
06-04-00346	Transistor	BCY58IX, Base on Right	Phywe 39127.05		250	Coll. of Edu/ Physics Dep.
06-04-00347	Transistor	BCY58IX, Base on Left	Phywe 39127.04		250	Coll. of Edu/ Physics Dep.
06-04-00348	Transistor	Red	Phywe 39127.03		250	Coll. of Edu/ Physics Dep.
06-04-00349	Pilot Lamp	green	Phywe 39122.04		100	Coll. of Edu/ Physics Dep.
06-04-00350	Pilot Lamp	741	Phywe 39122.06		200	Coll. of Edu/ Physics Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00351	Oprational Amplifier	in Box with one change over control	Phywe 39130.00		25	Coll. of Edu/ Physics Dep.
06-04-00352	Push Bottons	R25=50+50 ohm	Phywe 39147.00		25	Coll. of Edu/ Physics Dep.
06-04-00353	PTC Resistors	ZF 4.7	Phywe 39110.04		25	Coll. of Edu/ Physics Dep.
06-04-00354	Zener diode	Q4006 L4	Phywe 39132.01		150	Coll. of Edu/ Physics Dep.
06-04-00355	Triac		Phywe 39137.02		20	Coll. of Edu/ Physics Dep.
06-04-00356	Universal Lug-in bord	Pentium III 600 MHz(Intel)	Phywe 35500.00		10	Coll. of Edu/ Physics Dep.
06-04-00357	Computer	128MB RAM, 8MB VRAM, 48X CD ROM, 8XH CD-WRITE, 17" SVGA Monitor, Keyboard Cache memory, 2MBCach Memory, 8GB Hard Drive, 16MB 3D-2D SVGA Card, Japan Made	.	.	4	Coll. of Edu/ Physics Dep.
06-04-00358	Copmputer Table	.	.	.	4	Coll. of Edu/ Physics Dep.
06-04-00359	A4 Laser Jet Printer	.	Hewlett Packard		2	Coll. of Edu/ Physics Dep.
06-04-00360	A4 Desk Jet Printer color	.	Hewlett Packard		1	Coll. of Edu/ Physics Dep.
06-04-00361	Video Overhead Projector	Advance Calculator	.	.	2	Coll. of Edu/ Physics Dep.
06-04-00362	Sintific Calculator	Radius of tube 65 mm	Sony Co.		500	Coll. of Edu/ Physics Dep.
06-04-00363	Electron deffraction tube A.Mounting	For determination of Sound in liquids	Phywe 0672100		2	Coll. of Edu/ Physics Dep.
06-04-00364	Ultra Sonic generator velocity of	150x55x100MM	Phywe 11744.93		2	Coll. of Edu/ Physics Dep.
06-04-00365	class cell	6V - 5 Amp. E14	Phywe 03504.00		2	Coll. of Edu/ Physics Dep.
06-04-00366	Filament Lamp		Phywe006158.00		8	Coll. of Edu/ Physics Dep.
06-04-00367	Microwave riseving dipole	Phywe11740.01	Phywe11740.03		2	Coll. of Edu/ Physics Dep.
06-04-00368	Microwave Transniter,W.Klystron				2	Coll. of Edu/ Physics Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00369	Microwave Reciver		Phywe11740.02		2	Coll. of Edu/ Physics Dep.
06-04-00370	Microbeam tube for specific Charge of Electron determination		Phywe06959.00		2	Coll. of Edu/ Physics Dep.
06-04-00371	Frank Hertz tube with over 220V	5 Micro Ciure	Phywe09087.01&Phywe09088.93		2	Coll. of Edu/ Physics Dep.
06-04-00372	Cs137 Radioactive Source	Linear and (A) weighting Leq for periods up to 2.77 hours Max.Hold, fast & peak 25 to 145 dB(A)-3.5 digit liquid crystal display 0.1dB resolution. AC output for recording instantaneous (A) weighted and (Lin) Signal windscreen UA0459 included 3m 10 m Mic.			2	Coll. of Edu/ Physics Dep.
06-04-00373	Type 2221 precision integrated sound level meter	Sky master-New system	sound level meters page(16)from 1986 short from Cata.		2	Coll. of Edu/ Physics Dep.
06-04-00374	Planetarium	.	Carl Zeiss Jena Comp.		1	Coll. of Edu/ Physics Dep.
06-04-00375	Solar System Projector	L7 Magnification 75X-1500X	Carl Zeiss Jena Comp.		1	Coll. of Edu/ Physics Dep.
06-04-00376	Microscope L7	with arm rest (P.11.1)No.501	Carl Zeiss Jena Comp.		3	Coll. of Edu/ Physics Dep.
06-04-00377	revolving chair on casters	.	P.O.Box 1555, 4424 Stardtlohn, Telephon:(02563)3055 Telex:89795		200	Coll. of Edu/ Biology Dep.
06-04-00378	Seats and Lecture room seats	Revolving Chair on costers (Page 11.1)No.5010	Wr T Laborban GmbH Schutzenweg 5		100	Coll. of Edu/ Biology Dep.
06-04-00379	Chair	Double work benches (underbench cup bourb with 4 drawers) No. 1523,P.15.1	Printed by Hartwig -Brann - Hochmoon			Coll. of Edu/ Biology Dep.
06-04-00380	Double work benches	office desk with panelled Knee hole No.(1824)P.16.1				Coll. of Edu/ Biology Dep.
06-04-00381	office desks	Free-standing collection cabinates No.2400 P.19.1 (110x106x260 cm).			50	Coll. of Edu/ Biology Dep.
06-04-00382	Free-standing collection cup boards	wall standing collection cabinates P.19			20	Coll. of Edu/ Biology Dep.
06-04-00383	Free-standing collection cup boardes	collection & instrument cup board with 2 wing doors No. 2120. P.201			20	Coll. of Edu/ Biology Dep.
06-04-00384	collection cup boards	Incubator and refrigator wordrobe, robe cupboard for poison and Acid (No.2606)P.22			20	Coll. of Edu/ Biology Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00385	Special cup boards	Special cupboard with extractable shelves. No2552.P22.2			5	Coll. of Edu/ Biology Dep.
06-04-00386	Special cup boards	Movable trolleys, 100x75x90 cm C18			10	Coll. of Edu/ Biology Dep.
06-04-00387	Movable trolleys	No.1710 P.7.1			10	Coll. of Edu/ Biology Dep.
06-04-00388	.	No.1720 C18			10	Coll. of Edu/ Biology Dep.
06-04-00389	.	No.1730			10	Coll. of Edu/ Biology Dep.
06-04-00390	.	Hatch - type fum cupboard, No.3030, P.8.1			10	Coll. of Edu/ Biology Dep.
06-04-00391	Fum cupboards	H-C full Motion .Cabisco/BBC, No.49-2105-V and B, 30 min			10	Coll. of Edu/ Biology Dep.
06-04-00392	Bio video filmsAnimals : Bio video introduction to invertebrates	J-C full motion national geographic film. No.49-2120 - V & B, 60 min Carolina 27215, 919 584-0381. Order from carolina, call Tell free: 334-5551	Biology /Scince/Materials Cataloge 59,(1998-89) Carolina Baiological Supply company.main office and Laboratorise Barlington , North.		2	Coll. of Edu/ Biology Dep.
06-04-00393	African wild life	J-C Full Motion cabisco video, No.49-2117 -V & B \$69-95 &M\$84-95, 15 min.C19+C14, Burlington Telex 574-354	same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.
06-04-00394	Dweltings	(H-C) full motion cabisco video /BBC, No.49-2200 V\$99.95 & B, 30min. Fax: 919-584-399	same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.
06-04-00395	Genetics & Evolution, Bio video: The Evidence for Evolution	Structurale Homologies and Co.evolution (H-C) film for Humanities, No.49-2204 V\$139.00, Band M\$189.00. 26 min	same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.
06-04-00396	Relation ship: Part 1	Bihavior and Protain Record. (H-C) full motion .film for the humanities. No.49-2205V\$139. B & M \$189, 20 min (P.579)	same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.
06-04-00397	Relashinships: Part .2	Natural selection (H-C) full motion film for the Humanities. No.49-2206 V\$139.00, B&M \$189.00, 20min.	same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.
06-04-00398	Selection in Action . Part : 1	Selection & Adaptation (H-C) full motion , film for Humanities .	same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.
06-04-00399	Selection in Action. Part : 2		same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00400	Selection in Action. Part : 3	Heredity and mutation(H-C) full motion . Films for the Humanities. 20 min same Cata. (P. 579). No. 49-2209 - V\$139.00 B&M\$189.00	same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.
06-04-00401	Original of Change Part:1	DNA and the Evidence for Evolution (H-C). Full motion , film for Humanities No.49-2210-V\$139.00 B,& - M\$189.00 20 min	same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.
06-04-00402	Original of Change Part:2	.	same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.
06-04-00403	Video & Audio Programs. Full-motion video life science	(H-C) No.4950 - v\$149.00 & B\$149.00, 15 min	same Cataloge, Page 579		2	Coll. of Edu/ Biology Dep.
06-04-00404	Microbiology. The Isolation and Growth of Bacteria	(H-C) No.49-540 - v\$64.95 60 min	same Cataloge, Page 584		2	Coll. of Edu/ Biology Dep.
06-04-00405	Plants;Professional Planting	(H-C) No.49-5212 - V\$64.95 and 49.5212 - B\$64.95, 60min	same Cataloge, Page 584		2	Coll. of Edu/ Biology Dep.
06-04-00406	Professional Techniques.	(H-C) full motion No.49-5575-V\$99.98 and 49.5575-B\$99.95, 30min.Page 585	same Cataloge, Page 584		2	Coll. of Edu/ Biology Dep.
06-04-00407	Biovideo:Introduction to Photosynthesis	(J-C) full motion cabisco video No.49.5930-V\$69.95 B&49.5930 - M\$84.95 13.5min	same Cataloge, Page 585		2	Coll. of Edu/ Biology Dep.
06-04-00408	Pollination :The insect connection	(J-C) full motion .Oxford scintific films . No.49.5932 - V\$149.95 . B\$149.95 & M\$164.95 , 60 min	same Cataloge, Page 585		2	Coll. of Edu/ Biology Dep.
06-04-00409	Sexual Encounters of the Flora Kind	(J-C) full motion .Crown video adramatic break through in science and cinematography No.49.3555 -V\$24.95, 49-3555-B\$24.95	same Cataloge, Page 585		2	Coll. of Edu/ Biology Dep.
06-04-00410	Human. The miracle of life	(H-C) full motion simon and Schuster, No.49.3800 - V\$29.95, 3-4 min	same Cataloge, Page 585		2	Coll. of Edu/ Biology Dep.
06-04-00411	The American cancer society's, freshstart:21 Days to stop smoking	(J-C) full motion , Health Edco. 7min, No.49.3900-V\$69.00, 49.3900-B\$69.00, 49.3900 -M\$90.00	same Cataloge, Page 583		2	Coll. of Edu/ Biology Dep.
06-04-00412	Preserved Plants Algae	Blue -Green Algae set PB40A set with 12 positions per vial.	same Cataloge, Page 583		5	Coll. of Edu/ Biology Dep.
06-04-00413	Preserved Plants Algae	Green Algae set PB99A SET with 12 portions Vial.	same Cataloge, Page 583		5	Coll. of Edu/ Biology Dep.
06-04-00414	Preserved Plants Algae	Fucus set ,Male,female pB133B.	same Cataloge, Page 583		3	Coll. of Edu/ Biology Dep.
06-04-00415	Preserved Plants Algae	Red Algae set , six genera pB160 C set with 12 portions.	same Cataloge, Page 583		3	Coll. of Edu/ Biology Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00416	Preserved Plants Algae	Fresh water Algae set pB161.	same Cataloge, Page 583		3	Coll. of Edu/ Biology Dep.
06-04-00417	Preserved Plants Algae	Basic Algae set PB 163A.	same Cataloge, Page 583		3	Coll. of Edu/ Biology Dep.
06-04-00418	Preserved Plants Algae	Algae Survey set pB163B.	same Cataloge, Page 583		3	Coll. of Edu/ Biology Dep.
06-04-00419	Bacteria	Basic Bacterial forms set pB 166	Biology/Scince materials Catalog 59,1988-89, Carolina Baiological supply company.		2	Coll. of Edu/ Biology Dep.
06-04-00420	Fungi, Preserved Plants	Slime Mold set pB 185.	Biology/Scince materials Catalog 59,1988-89, Carolina Baiological supply company.		5	Coll. of Edu/ Biology Dep.
06-04-00421	Fungi, Preserved Plants	Phycomycetes set pB 210A			5	Coll. of Edu/ Biology Dep.
06-04-00422	Fungi, Preserved Plants	Basic fungi set pB 275			5	Coll. of Edu/ Biology Dep.
06-04-00423	Mosses	Mnimum life cycle set pB 383.	Biology/Scince materials Catalog 59,1988-89, Carolina Baiological supply company.		3	Coll. of Edu/ Biology Dep.
06-04-00424	Mosses	Polytrichum life cycle set pB384.			3	Coll. of Edu/ Biology Dep.
06-04-00425	Mosses	Moss set pB 396.			5	Coll. of Edu/ Biology Dep.
06-04-00426	Ferns, Skeletons individual skelitone	1- Fern life cycle set pB 403.	Biology/Scince materials Catalog 59,1988-89, Carolina Baiological supply company.		3	Coll. of Edu/ Biology Dep.
06-04-00427	.	2- Fern set pB 470B.			3	Coll. of Edu/ Biology Dep.
06-04-00428	.	3-Equisteum set pB 497C.			3	Coll. of Edu/ Biology Dep.
06-04-00429	.	4-Fern Allies set pB 510.			3	Coll. of Edu/ Biology Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00430	Dogfish Skeletons	1- Dogfish skeleton 24-3120.	Biology/Scince materials Catalog 59,1988-89, Carolina Baiological supply company.		5	Coll. of Edu/ Biology Dep.
06-04-00431		2- Dogfish pectorial Gird & fin 24-3160			5	Coll. of Edu/ Biology Dep.
06-04-00432	Fish Skeleton	1- fish skeleton, 24-3400, 24-3410, 24-3420	Biology/Scince materials Catalog 59,1988-89, Carolina Baiological supply company.		3	Coll. of Edu/ Biology Dep.
06-04-00433	.	2- Perch Skull 24-3430	.		3	Coll. of Edu/ Biology Dep.
06-04-00434	.	1- Necturus skeleton 24-3530	.		3	Coll. of Edu/ Biology Dep.
06-04-00435	.	2- Necturus skull with Gill Arches 24-3580	.		3	Coll. of Edu/ Biology Dep.
06-04-00436	Amphibians	1- Frogs skeleton 24-3720	.		3	Coll. of Edu/ Biology Dep.
06-04-00437	.	2- X-Jumbo frog skeleton 24-3740	.		2	Coll. of Edu/ Biology Dep.
06-04-00438	.	1- Turtles skeleton 24-4110.	.		5	Coll. of Edu/ Biology Dep.
06-04-00439	.	2- Turtles skull 24-4161.	.		3	Coll. of Edu/ Biology Dep.
06-04-00440	Reptiles	1- Natural Bone skeleton .	.		5	Coll. of Edu/ Biology Dep.
06-04-00441	.	2- Plastic skeletons.	.		5	Coll. of Edu/ Biology Dep.
06-04-00442	Skeletons, Human Skeletons	3- Disarticulated skeletons, Half skeletons -Plastic, Disarticulated human, half skeleton.	.		5	Coll. of Edu/ Biology Dep.
06-04-00443	.	4- Entire skeleton - plastic.	.		5	Coll. of Edu/ Biology Dep.
06-04-00444	.	5- Human skulls 24-6938.	.		5	Coll. of Edu/ Biology Dep.
06-04-00445	.	6- Human muscular. Demonstration skul 24-7009.	.		5	Coll. of Edu/ Biology Dep.
06-04-00446	.	7- Fetal skeleton human, fetal skeleton 24-7121.	.		5	Coll. of Edu/ Biology Dep.

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06-04-00447	.	8- Human cervica vertebra, 24-7512.	.		5	Coll. of Edu/ Biology Dep.
06-04-00448	.	9- Human vertebra column, 24-7545.	.		5	Coll. of Edu/ Biology Dep.
06-04-00449	.	10- Human leg and foot, 24-7930.	.		5	Coll. of Edu/ Biology Dep.
06-04-00450	Chemical and Substances	1- Acetic acid ,glacial 500cm3 S10165/9	Philip harris Cataloge 1989-1991	Liter	5	Coll. of Edu/ Biology Dep.
06-04-00451	.	2- Agra 100g S11385/7	.	Kg	5	Coll. of Edu/ Biology Dep.
06-04-00452	.	3- Aluminium Hydroxide Al(OH) ₃ 500g S12435/1	.	Kg	5	Coll. of Edu/ Biology Dep.
06-04-00453	.	4- Ammonia Solution, 35% w/w 1Litre S13720/5	.	Liter	5	Coll. of Edu/ Biology Dep.
06-04-00454	.	5- Amminium sulphate 500g (NH ₄) ₂ SO ₄ , S15635/2	.	Kg	5	Coll. of Edu/ Biology Dep.
06-04-00455	.	6- Barium Chloride 1 Litre 0.5M Solution S18520/0	.	Liter	5	Coll. of Edu/ Biology Dep.
06-04-00456	.	7- Barium Hydroxide 1 Litre 0.1M Solution S18650/2	.	Liter	5	Coll. of Edu/ Biology Dep.
06-04-00457	.	8- Beef Extract 100g Powder S19220/4	.	Kg	5	Coll. of Edu/ Biology Dep.
06-04-00458	.	9- Biuret Reagent 500cm3 test for proteins S21400/5	.	Liter	2.5	Coll. of Edu/ Biology Dep.
06-04-00459	.	10- Blue Tetrazolium 500mg useful in histology S21745/6	.	Kg	2.5	Coll. of Edu/ Biology Dep.
06-04-00460	.	11- Bromophenol Blue 5g pH indicator 2.8+4.6 S23190.8	.	Kg	2	Coll. of Edu/ Biology Dep.
06-04-00461	.	12- Buffer , Phosphate 250cm3 pH7.3 solution S23465/9	.	Liter	2.5	Coll. of Edu/ Biology Dep.
06-04-00462	.	13- Buffer Powder S24285/2 pH9.2	.	Kg	2	Coll. of Edu/ Biology Dep.
06-04-00463	.	14- Calicum carbonate 500g S25755/7	.	Kg	2	Coll. of Edu/ Biology Dep.
06-04-00464	.	15- Calcium Carbonate (CaCo ₃)Alalar 250gm S25770/3	.	Kg	2	Coll. of Edu/ Biology Dep.
06-04-00465	.	16- Calcium Chloride Dry500g S 25865/3	.	Kg	2	Coll. of Edu/ Biology Dep.

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06-04-00466	.	17- Calcium Hydroxide 1Kg Commerical CaCOH2 S26395/8	.	Kg	2	Coll. of Edu/ Biology Dep.
06-04-00467	.	18- Calcium sulphate 5Kg Commerical CaSO4 S26735/6	.	Kg	5	Coll. of Edu/ Biology Dep.
06-04-00468	.	19- Calcuim Sulphate 100gm Anhydrite S26745/9	.	Kg	2.5	Coll. of Edu/ Biology Dep.
06-04-00469	.	20- Cadmium cd sticks 25g S24940/8	.	Kg	0.5	Coll. of Edu/ Biology Dep.
06-04-00470	.	21- Canada Balsam 50gm Dried S27065/3	.	Kg	5	Coll. of Edu/ Biology Dep.
06-04-00471	.	22- Canada Balsam 50cm3 Natural S27085/3	.	Liter	5	Coll. of Edu/ Biology Dep.
06-04-00472	.	23- Canada Balsam in Xylol 50 cm3 Thin S27130/9	.	Liter	2.5	Coll. of Edu/ Biology Dep.
06-04-00473	.	24-Carmine Borax 5g S27610/2	.	Kg	5	Coll. of Edu/ Biology Dep.
06-04-00474	.	25- Casein 250gm Powder S27880/9	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00475	.	26- Cango Red Dry 5gm S31575/2	.			Coll. of Edu/ Biology Dep.
06-04-00476	.	27- Copper (1)Chloride 50gm cucl S32020/5	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00477	.	28- Cresol Red pH indicator 5gm S33125/3	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00478	.	29- Crystal Violate 5gm S33215/4	.	Kg	2	Coll. of Edu/ Biology Dep.
06-04-00479	.	30- Crystal violate 100cm3 (Hucker) for grams stains	.	Liter	1	Coll. of Edu/ Biology Dep.
06-04-00480	.	31- Eosin 5gm S37370/3	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00481	.	32- Ethanol Absolut 500cm3 S38080/9	.	Liter	10	Coll. of Edu/ Biology Dep.
06-04-00482	.	33- Ethanol spirit 2.5Litre S38110/4	.	Liter	10	Coll. of Edu/ Biology Dep.
06-04-00483	.	34- Ethyl Acetate 500cm3 CH3COO2CH5 S38365/4	.	Liter	10	Coll. of Edu/ Biology Dep.
06-04-00484	.	35- Fast Green FCF 5gm Dry use in Plant Histology and cytology	.			Coll. of Edu/ Biology Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00485	.	36- Formol -Acetic - Alcohol 500cm3 (F-A-A) general plunt histology Fixation & Presentation of algae S40170/9	.	Liter	5	Coll. of Edu/ Biology Dep.
06-04-00486	.	37- Giemsa's stain 5gm for Blood stains S41225/3	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00487	.	38- Gram's Iodine 100cm3 solution S42145/9	.	Liter	1	Coll. of Edu/ Biology Dep.
06-04-00488	.	39- Gum Chloral 100cm3 for Pormonent mounts S42555/7	.	Liter	1	Coll. of Edu/ Biology Dep.
06-04-00489	.	40- Haematoxylin (Harres)dry 5gm S42945/9	.	Kg	0.5	Coll. of Edu/ Biology Dep.
06-04-00490	.	41- Hydrochloric Acid 1 Litre analar S44360/2	.	Liter	2	Coll. of Edu/ Biology Dep.
06-04-00491	.	42- Indigo Carmine 5gm plasma & Collage stain S45165/9	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00492	.	43- iodin 100gm Resublimed S45900/2	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00493	.	44- Iodine Analar 100gm S45911/7	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00494	.	45- Lactophenol 100cm3 for small whole moints S48225/5	.	Kg	500	Coll. of Edu/ Biology Dep.
06-04-00495	.	46- Lead S48600/5	.	Kg	500	Coll. of Edu/ Biology Dep.
06-04-00496	.	47- Methanol CH3OH 1Litre S55100/9	.	Liter	5	Coll. of Edu/ Biology Dep.
06-04-00497	.	48- Methylene Blue 5gm Dry S56210/9	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00498	.	49- Methyl green 5gm Nuclear stains S56340/1	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00499	.	50-Nutral Red 5gm Dry S59215/2	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00500	.	51- Oil of cedar wood 100cm3 for clearing S61470/6	.	Liter	5	Coll. of Edu/ Biology Dep.
06-04-00501	.	52- Oil , Immersion 50 cm3 S62040/8	.	Liter	1	Coll. of Edu/ Biology Dep.
06-04-00502	.	53- Oil of cloves for clearing S61630/2	.	Liter	5	Coll. of Edu/ Biology Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00503	.	54-Phenol crystalis 250gm S64090/0	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00504	.	55- Phosphoric acid H3PO4 100cm3 S65775/4	.	Liter	1	Coll. of Edu/ Biology Dep.
06-04-00505	.	56- Potassium Carbonate 500gm K2CO3 Analar S67300/0	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00506	.	57- Potassium Bronide 500gm KBr S67105/2	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00507	.	58- Potassium Chloride 250gm Analar S67500/8	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00508	.	59- Potassium Chloride 250gm Analar S67500/8	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00509	.	60- Potassium Hydroxide 500gm Analar S69135/9	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00510	.	61- Potassium Iodide 100gm Analar S69410/6	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00511	.	62- Potassium thycyanate 100gm alalar S70430/6	.	Kg	1	Coll. of Edu/ Biology Dep.
06-04-00512	.	63- Ringer's solution 500cm3 for frogs S72930/3	.	Liter	5	Coll. of Edu/ Biology Dep.
06-04-00513	Stopper	Stoppers ,Rubber,SolidAssorted C71520/9 Pack	Philip harrisCatalogue 1989-1991 Page 156		200	Coll. of Edu/ Biology Dep.
06-04-00514	Stopper	Stoppers,Rubber,Solid C71560/0-C71880/7-C712100/4	.		500	Coll. of Edu/ Biology Dep.
06-04-00515	Test tube Stands	1- Test tube stand C78502/9-C78522/5-C78542/0	.		100 for each	Coll. of Edu/ Biology Dep.
06-04-00516	.	2- Water test tube Rack C78790/8-C78794/5-C78798/2	.		100 for each	Coll. of Edu/ Biology Dep.
06-04-00517	Safety	First aid Cabinet No.C67200/5 Cabinet dimention 275x250x155 mm	P. 144		10	Coll. of Edu/ Biology Dep.
06-04-00518	Para film	.	.	.	100	Coll. of Edu/ Biology Dep.
06-04-00519	Glass fibrils	.	.	.	20	Coll. of Edu/ Biology Dep.
06-04-00520	Funnels	1- Hirsch funnels,Royal worcester,Porcelan C38400/0-C38420/6	P.65		50 for each	Coll. of Edu/ Biology Dep.
06-04-00521		2- Buchner funnel,Polythene C38600/8 Each			50	Coll. of Edu/ Biology Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00522	Heating mantles	1- Heating mantles,model A C73030/7 Each C43031/9	P.73		2 for each	Coll. of Edu/ Biology Dep.
06-04-00523	Hotplates	Hotplate,Ceramic Top C43365/5 Each	P.74		2	Coll. of Edu/ Biology Dep.
06-04-00524	Labels	1- Radio active warning tape C44830/0 Roll	P.79		200	Coll. of Edu/ Biology Dep.
06-04-00525		2- Lable printing Machine C44980/8 Each	.		10	Coll. of Edu/ Biology Dep.
06-04-00526	Mixers	1- Kenwood chef mixer C50302/5 Each	P.97		25	Coll. of Edu/ Biology Dep.
06-04-00527	.	2- Liquidiser/Grinder C50380/3 Each	.	.	20	Coll. of Edu/ Biology Dep.
06-04-00528	Erlenmeyer flasks	.	.	.	25	Coll. of Edu/ Biology Dep.
06-04-00529	Electro-Chemistry Films	1- Electric oscillating Fan C34404/9 Each	P.58		20	Coll. of Edu/ Biology Dep.
06-04-00530	.	2- Sealing film (cling-film) C34645/9 Pack	.		20	Coll. of Edu/ Biology Dep.
06-04-00531	Filter papers	Filter papers (what man)No.91G.P. C34841/9 - C34901/2	P.59		100 for each	Coll. of Edu/ Biology Dep.
06-04-00532	Pumps	1- Air pumps pxw-840-D	Gallen Kamp - 21edition - Page 597		2	Coll. of Edu/ Biology Dep.
06-04-00533	.	2- Vaccum - Pump trolley	Gallen Kamp - 21edition - Page 597		2	Coll. of Edu/ Biology Dep.
06-04-00534	Pipettes	1- Dropping pipettes C61440/6 Narrow C 61460/1 wide	Philip harris Cata.1989-1991 Page.131		50 for each	Coll. of Edu/ Biology Dep.
06-04-00535	.	2- Digital Micro pipettes C61710/9-C61712/2-C61714/6	P.132		50 for each	Coll. of Edu/ Biology Dep.
06-04-00536	.	3- Pipette filler C61763/8-C61783/3-C61803/5	P.132		50 for each	Coll. of Edu/ Biology Dep.
06-04-00537	Protection Clothing	1- Apron ,white pvc C64460/5 Each	P.135		30	Coll. of Edu/ Biology Dep.
06-04-00538	.	2- Plastic Apron C64470/8 Each			50	Coll. of Edu/ Biology Dep.
06-04-00539	.	3- Safety goggles C64501/4			25	Coll. of Edu/ Biology Dep.
06-04-00540	Refregators	1- Refregator 113litres C66180/9 Each	P.142		4	Coll. of Edu/ Biology Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00541	.	2- Fridge freezer C66250/4 Each	.	.	3	Coll. of Edu/ Biology Dep.
06-04-00542	Polypropylene Bottle	.	.	.	25	Coll. of Edu/ Biology Dep.
06-04-00543	Beakers-Bins	1- Squeeze Bulb C18080/7 Each	P,24	.	25	Coll. of Edu/ Biology Dep.
06-04-00544	.	2- Pump bulb C18120/4 each	.	.	25	Coll. of Edu/ Biology Dep.
06-04-00545	Bottle Carriers	weighing Bottle C20820/9-C20730/8-C20760/6-C20780/1-C20780/12	P.25	.	25 for each	Coll. of Edu/ Biology Dep.
06-04-00546	Bottle Brush	Hard bristle C21280/8 each	P.29	.	20	Coll. of Edu/ Biology Dep.
06-04-00547	Test tube Brush	1- Hard bristle with mop of cotton at end C21440/4 Ten	.	.	30	Coll. of Edu/ Biology Dep.
06-04-00548	.	2- Whitroglan,fun endon twisted galvanised iron wire stem C21420/9 Ten	.	.	50	Coll. of Edu/ Biology Dep.
06-04-00549	Burettes	Burettes,Acrylic(class B)	P.30	.	30	Coll. of Edu/ Biology Dep.
06-04-00550	.	1- C22091/9 each	.	.	30	Coll. of Edu/ Biology Dep.
06-04-00551	.	2- C22093/	.	.	30	Coll. of Edu/ Biology Dep.
06-04-00552	.	3- Burettes,Class A C22120/2	.	.	30	Coll. of Edu/ Biology Dep.
06-04-00553	.	4- Burettes ,Sckellbach (class B) white enamel back C22400/8	.	.	30	Coll. of Edu/ Biology Dep.
06-04-00554	Volumetric flask	Volume 1000ml	.	.	50	Coll. of Edu/ Biology Dep.
06-04-00555	polythelene Container	different sizes	.	.	10 for each size	Coll. of Edu/ Biology Dep.
06-04-00556	Basins-Baths	Evaporating basins ,shallow form royal worcester porcelain C14540/6-C14540/62-C14580/7	P.17	.	5	Coll. of Edu/ Biology Dep.
06-04-00557	Baths unstirred thermostatic Bath , 10Litres	Working area 410x240 mm - Dimintions 450x300x200 mm - Heater rating 750W - Heating rate 1C/min C15267/8	P.19	.	2	Coll. of Edu/ Biology Dep.
06-04-00558	Beakers - tall form, Graduated, with spout	Capacity100 C16930/7	.	.	10	Coll. of Edu/ Biology Dep.

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06-04-00559	.	Capacity 100 C16930/72	.	.	10	Coll. of Edu/ Biology Dep.
06-04-00560	.	Capacity 250 C16950/2-C16950/22	.	.	10	Coll. of Edu/ Biology Dep.
06-04-00561	.	Capacity 400 C16970/8 C16970/82	.	.	10	Coll. of Edu/ Biology Dep.
06-04-00562	.	Capacity 1000 C17030/9 - C17030/92	.	.	10	Coll. of Edu/ Biology Dep.
06-04-00563	.	Capacity 100 C17070/9 - C17070/92	.	.	20	Coll. of Edu/ Biology Dep.
06-04-00564	.	Capacity 250 C17075/9 - C17075/92	.	.	20	Coll. of Edu/ Biology Dep.
06-04-00565	.	Capacity 400 C17080/2	.	.	20	Coll. of Edu/ Biology Dep.
06-04-00566	Centrifuges	1- Hand centrifuges C24660/0	P.36	.	10	Coll. of Edu/ Biology Dep.
06-04-00567	.	2- harris centrifuge C24671/5 each	.	.	2	Coll. of Edu/ Biology Dep.
06-04-00568	Clips	1- mohr Clip C28400/5-C28400/51	P.46	.	50	Coll. of Edu/ Biology Dep.
06-04-00569	.	2- Screwclip plastic C28520/4 pack	.	.	50	Coll. of Edu/ Biology Dep.
06-04-00570	.	3- Tubing clamps C28600/2 45mm - C28602/6 14mm	.	.	50	Coll. of Edu/ Biology Dep.
06-04-00571	.	4- Spring Clips ,Terry C28620/8 Pack - C28640/3 Pack- C28760/2 Pack - C28780/8 Pack	.	.	50	Coll. of Edu/ Biology Dep.
06-04-00572	Cylinders measuring	Cylinders , measuring with detachable plastic base Borosilicate	.	.		Coll. of Edu/ Biology Dep.
06-04-00573	.	Capacity 50 C31610/9	.	.	50	Coll. of Edu/ Biology Dep.
06-04-00574	.	Capacity 100 C31615/8	.	.	50	Coll. of Edu/ Biology Dep.
06-04-00575	.	Capacity250 C31620/1	.	.	50	Coll. of Edu/ Biology Dep.

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00576	Computer	Pentium III 500MHz Processor (Intel), 128 MB SDRAM DIMM, 10 GB Hard Disk, 48X IDE CDROM, 8MB Voodoo3 (or any 2X AGP Specification support), 17 inch SVGA Monitors, PCI Sound Card (Sound Blaster Compatibles), Speakers and Microphone, 3COM PCI 10/100 TwistedPair Ethernet Card, necessary LAN Accessories	.	.	20	Coll. of Science/Computer Unit
06-04-00577	Computer	Pentium III 500MHz Processor (Intel), 128 MB SDRAM DIMM, 13 GB Hard Disk, 6x DVD ROM Drive, 8MB Voodoo3 (or any 2X AGP Specification support), 19 inch SVGA Monitors, PCI Sound Card (Sound Blaster Compatibles), Speakers and Microphone, 3COM PCI 10/100 TwistedPair Ethernet Card, necessary LAN Accessories	.	.	3	Coll. of Science/Computer Unit
06-04-00578	Modem	56 Kbps Fax-Data-Voice modem (3COM)	.	.	4	Coll. of Science/Computer Unit
06-04-00579	Hub	16 Port Hub (3COM or any likes)	.	.	3	Coll. of Science/Computer Unit
06-04-00580	Storage Device	Portable Massive Storage Device (at least 120MB)	.	.	3	Coll. of Science/Computer Unit
06-04-00581	Scanner	600X1200 dpi with 32bit color support	.	.	2	Coll. of Science/Computer Unit
06-04-00582	Projectors	Portable lcd Color Projector	.	.	1	Coll. of Science/Computer Unit
06-04-00583	Printers	HP LaserJet 1100	.	.	9	Coll. of Science/Computer Unit
06-04-00584	.	HP LaserJet Color 8500 A3 Paper Size	.	.	5	Coll. of Science/Computer Unit
06-04-00585	PhotoCopy Machine	Sharp 1516 model	.	.	1	Coll. of Science/Computer Unit
06-04-00586	Furniture	Full Lab establishing for 20 computers	.	.		Coll. of Science/Computer Unit
06-04-00587	Acetaldehyde	catalogue Fluka 1997/1998		70 MI	500	Coll. of Science/Chemistry
06-04-00588	Acetic acid	catalogue Fluka 1997/1999	45725	MI	500	Coll. of Science/Chemistry
06-04-00589	Acetic anhydride	catalogue Fluka 1997/2000	45830	Liter	1	Coll. of Science/Chemistry

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00590	acetone	catalague Fluka 1997/2001	585	Liter	25	Coll. of Science/Chemistry
06-04-00591	acetonitrile	catalague Fluka 1997/2002	710	Liter	2.5	Coll. of Science/Chemistry
06-04-00592	acetophenone	catalague Fluka 1997/2003	800	Liter	1	Coll. of Science/Chemistry
06-04-00593	Acrylonitril	catalague Fluka 1997/2004	1720	Liter	1	Coll. of Science/Chemistry
06-04-00594	Allyl adeohol	catalague Fluka 1997/2005	5790	Liter	1	Coll. of Science/Chemistry
06-04-00595	Allyl bromide	catalague Fluka 1997/2006	5870		500	Coll. of Science/Chemistry
06-04-00596	Aluminium chloride	catalague Fluka 1997/2007	6220	Kg	1	Coll. of Science/Chemistry
06-04-00597	3-Amino acetophenone	catalague Fluka 1997/2008	6630	Gram	100	Coll. of Science/Chemistry
06-04-00598	2-Amino-5-mercaplo-1,3,4-thiodiazole	catalague Fluka 1997/2009	8380	Gram	50	Coll. of Science/Chemistry
06-04-00599	2-Amino-1,3,4-thiodiazole	catalague Fluka 1997/2010	9475	Gram	50	Coll. of Science/Chemistry
06-04-00600	Benzene	catalague Fluka 1997/2011	12560	liter	2.5	Coll. of Science/Chemistry
06-04-00601	Benzaldehyde	catalague Fluka 1997/2012	12015	liter	2.5	Coll. of Science/Chemistry
06-04-00602	Benoic acid	catalague Fluka 1997/2013	12350	Kg	1	Coll. of Science/Chemistry
06-04-00603	Benzoin	catalague Fluka 1997/2014	12510	Gram	250	Coll. of Science/Chemistry
06-04-00604	Benzil	catalague Fluka 1997/2015	12510	Gram	500	Coll. of Science/Chemistry
06-04-00605	Benzoyl chloride	catalague Fluka 1997/2016	12940	liter	1	Coll. of Science/Chemistry
06-04-00606	Bis(diphenyl phosphino) methane	catalague Fluka 1997/2017	14818	MI	500	Coll. of Science/Chemistry
06-04-00607	Bromine	catalague Fluka 1997/2018	16050	MI	500	Coll. of Science/Chemistry
06-04-00608	Benzyl Alcohol	catalague Fluka 1997/2019	13170	MI	50	Coll. of Science/Chemistry

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00609	Benzyl chloride	catalogue Fluka 1997/2020	13280	MI	250	Coll. of Science/Chemistry
06-04-00610	N-Bromosuccinimide	catalogue Fluka 1997/2021	18350	liter	1	Coll. of Science/Chemistry
06-04-00611	1,4-Butansultone	catalogue Fluka 1997/2022	19030	MI	100	Coll. of Science/Chemistry
06-04-00612	Butanol	catalogue Fluka 1997/2023	19420	Kg	5	Coll. of Science/Chemistry
06-04-00613	tert-butanol	catalogue Fluka 1997/2024	19470	liter	1	Coll. of Science/Chemistry
06-04-00614	Butyl lithium solution	catalogue Fluka 1997/2025	20160	MI	250	Coll. of Science/Chemistry
06-04-00615	calcium chloride dehydrated	catalogue Fluka 1997/2026	21085	MI	100	Coll. of Science/Chemistry
06-04-00616	carbon disulphide	catalogue Fluka 1997/2027	84712	liter	2.5	Coll. of Science/Chemistry
06-04-00617	carbon tetra chloride	catalogue Fluka 1997/2028	87031	Gram	5	Coll. of Science/Chemistry
06-04-00618	chloroacetone	catalogue Fluka 1997/2029	22820	liter	1	Coll. of Science/Chemistry
06-04-00619	chloroacetyl chloride	catalogue Fluka 1997/2030	25691	liter	1	Coll. of Science/Chemistry
06-04-00620	chloroform	catalogue Fluka 1997/2031	27091	liter	1	Coll. of Science/Chemistry
06-04-00621	chromium hexacarbonyl	catalogue Fluka 1997/2032	28940	Gram	250	Coll. of Science/Chemistry
06-04-00622	cyclohexan	catalogue Fluka 1997/2033	29105	liter	2.5	Coll. of Science/Chemistry
06-04-00623	cyclohexanol	catalogue Fluka 1997/2034	29150	liter	1	Coll. of Science/Chemistry
06-04-00624	cyclohexanone	catalogue Fluka 1997/2035	32890	liter	1	Coll. of Science/Chemistry
06-04-00625	4,4-Diaminodicyclohexyl methane	catalogue Fluka 1997/2036	31700	liter	10	Coll. of Science/Chemistry
06-04-00626	Diethyl ether	catalogue Fluka 1997/2037	40255	liter	2.5	Coll. of Science/Chemistry
06-04-00627	N,N-dimethyl formamide	catalogue Fluka 1997/2038	2865	liter	1	Coll. of Science/Chemistry

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00628	Ethanol absolute	catalague Fluka 1997/2039	2880	Gram	250	Coll. of Science/Chemistry
06-04-00629	Ethanol	catalague Fluka 1997/2040	45770	MI	250	Coll. of Science/Chemistry
06-04-00630	Ethyl acetate	catalague Fluka 1997/2041	420	MI	250	Coll. of Science/Chemistry
06-04-00631	Ethyl acetoacetate	catalague Fluka 1997/2042	44943	liter	25	Coll. of Science/Chemistry
06-04-00632	Ferric chloride anhydrous	catalague Fluka 1997/2043	47990	liter	1	Coll. of Science/Chemistry
06-04-00633	Furan	catalague Fluka 1997/2044	53847	Gram	50	Coll. of Science/Chemistry
06-04-00634	Hydrazine hydrate	catalague Fluka 1997/2045	84421	Gram	25	Coll. of Science/Chemistry
06-04-00635	Hydrochloric acid	catalague Fluka 1997/2046	58460	Gram	500	Coll. of Science/Chemistry
06-04-00636	isobutanol	catalague Fluka 1997/2047	62420	Gram	25	Coll. of Science/Chemistry
06-04-00637	Lithium aluminium hydride	catalague Fluka 1997/2048	63037	liter	2.5	Coll. of Science/Chemistry
06-04-00638	magnesium ribbon	catalague Fluka 1997/2049	63301	Gram	250	Coll. of Science/Chemistry
06-04-00639	malonic acid	catalague Fluka 1997/2050	63940	MI	100	Coll. of Science/Chemistry
06-04-00640	Mesityl oxide	catalague Fluka 1997/2051	65543	liter	1	Coll. of Science/Chemistry
06-04-00641	Methanol	catalague Fluka 1997/2052	70442	Gram	500	Coll. of Science/Chemistry
06-04-00642	1-Naphthol	catalague Fluka 1997/2053	70655	MI	250	Coll. of Science/Chemistry
06-04-00643	1,8-Napho solution	catalague Fluka 1997/2054	84378	Gram	100	Coll. of Science/Chemistry
06-04-00644	Nitric acid 65%	catalague Fluka 1997/2055	76240	MI	250	Coll. of Science/Chemistry
06-04-00645	Paraformal dehyde	catalague Fluka 1997/2056	77232	MI	250	Coll. of Science/Chemistry
06-04-00646	Perchloric acid	catalague Fluka 1997/2057	77397	Gram	250	Coll. of Science/Chemistry

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00647	Petroleum ether B.P. 40-60	catalogue Fluka 1997/2058	77612	MI	250	Coll. of Science/Chemistry
06-04-00648	Phenol	catalogue Fluka 1997/2059	78672	MI	250	Coll. of Science/Chemistry
06-04-00649	Phenyl hydrazine	catalogue Fluka 1997/2060	79180	MI	250	Coll. of Science/Chemistry
06-04-00650	N-Phenyl thiourea	catalogue Fluka 1997/2061	79617	Gram	25	Coll. of Science/Chemistry
06-04-00651	Ortho-Phosphoric acid	catalogue Fluka 1997/2062	79580	Gram	500	Coll. of Science/Chemistry
06-04-00652	Phosphorus oxichloride	catalogue Fluka 1997/2063	79780	Gram	100	Coll. of Science/Chemistry
06-04-00653	phthalimide potassium salt	catalogue Fluka 1997/2064	80221	Gram	250	Coll. of Science/Chemistry
06-04-00654	2-picoline	catalogue Fluka 1997/2065	80240	Kg	1	Coll. of Science/Chemistry
06-04-00655	4-picoline	catalogue Fluka 1997/2066	82703	Gram	250	Coll. of Science/Chemistry
06-04-00656	pyridine	catalogue Fluka 1997/2067	71320	Gram	100	Coll. of Science/Chemistry
06-04-00657	sodium borohydride	catalogue Fluka 1997/2068	71690	liter	1	Coll. of Science/Chemistry
06-04-00658	sodium hydroxide pellets	catalogue Fluka 1997/2069	71172	MI	500	Coll. of Science/Chemistry
06-04-00659	sodium	catalogue Fluka 1997/2070	71712	liter	1	Coll. of Science/Chemistry
06-04-00660	sodium iodide	catalogue Fluka 1997/2071	71760	MI	500	Coll. of Science/Chemistry
06-04-00661	sodium nitrite	catalogue Fluka 1997/2072	71852	MI	250	Coll. of Science/Chemistry
06-04-00662	sodium perchlorate	catalogue Fluka 1997/2073	71860	liter	1	Coll. of Science/Chemistry
06-04-00663	sodium metaperiodate	catalogue Fluka 1997/2074	84721	Gram	250	Coll. of Science/Chemistry
06-04-00664	sulfuric acid	catalogue Fluka 1997/2075	86212	liter	1	Coll. of Science/Chemistry
06-04-00665	sulfuryl chloride	catalogue Fluka 1997/2076	84726	MI	250	Coll. of Science/Chemistry

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00666	sulfuric acid fuming	catalogue Fluka 1997/2077	87120	MI	250	Coll. of Science/Chemistry
06-04-00667	Tetra cyano ethylene	catalogue Fluka 1997/2078	87370	liter	1	Coll. of Science/Chemistry
06-04-00668	Tetrahydrofuran	catalogue Fluka 1997/2079	88952	Gram	250	Coll. of Science/Chemistry
06-04-00669	Thianyl chloride	catalogue Fluka 1997/2080	90340	Gram	250	Coll. of Science/Chemistry
06-04-00670	Triethyl amine	catalogue Fluka 1997/2081	89682	liter	1	Coll. of Science/Chemistry
06-04-00671	Toluene	catalogue Fluka 1997/2082	96545	Gram	100	Coll. of Science/Chemistry
06-04-00672	Zinc powder	catalogue Fluka 1997/2083	71580	Gram	250	Coll. of Science/Chemistry
06-04-00673	Sodium hexachloroplatinate	catalogue Fluka 1997/2084	1680	Gram	500	Coll. of Science/Chemistry
06-04-00674	acrolein	catalogue Fluka 1997/2085	1720		100	Coll. of Science/Chemistry
06-04-00675	acrylonitrile	catalogue Fluka 1997/2086	27990	Kg	1	Coll. of Science/Chemistry
06-04-00676	crotonic acid	catalogue Fluka 1997/2087	28010	MI	100	Coll. of Science/Chemistry
06-04-00677	styrene	catalogue Fluka 1997/2088	85960	Gram	250	Coll. of Science/Chemistry
06-04-00678	sodium iodide	catalogue Fluka 1997/2089	71712	MI	500	Coll. of Science/Chemistry
06-04-00679	sodium hydrogen sulfide	catalogue Fluka 1997/2090	71660	Gram	100	Coll. of Science/Chemistry
06-04-00680	sodium hydrogen sulfite solution	catalogue Fluka 1997/2091	71670	Gram	250	Coll. of Science/Chemistry
06-04-00681	potassium iodide	catalogue Fluka 1997/2092	60400	Gram	100	Coll. of Science/Chemistry
06-04-00682	potassium cyanide	catalogue Fluka 1997/2093	60180	Gram	100	Coll. of Science/Chemistry
06-04-00683	potassium dichromate	catalogue Fluka 1997/2094	60200	Gram	10	Coll. of Science/Chemistry
06-04-00684	phenyl isothiocyanate	catalogue Fluka 1997/2095	78782	Kg	1	Coll. of Science/Chemistry

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00685	palladium(II) chloride	catalogue Fluka 1997/2096	76050	Gram	100	Coll. of Science/Chemistry
06-04-00686	4-chloroacetophenone	catalogue Fluka 1997/2097	22850	Gram	100	Coll. of Science/Chemistry
06-04-00687	D(+)-ealctose	catalogue Fluka 1997/2098	48263	Gram	50	Coll. of Science/Chemistry
06-04-00688	Hydrogen peroxide 35%	catalogue Fluka 1997/2099	95299	Gram	50	Coll. of Science/Chemistry
06-04-00689	Nikel powder	catalogue Fluka 1997/2100	72220	Gram	50	Coll. of Science/Chemistry
06-04-00690	silver nitrate	catalogue Fluka 1997/2101	85231	MI	100	Coll. of Science/Chemistry
06-04-00691	sodium thiocyanate	catalogue Fluka 1997/2102	71938	MI	500	Coll. of Science/Chemistry
06-04-00692	cupric sulfate anhydrous	catalogue Fluka 1997/2103	61230	Gram	500	Coll. of Science/Chemistry
06-04-00693	cuprous bromide	catalogue Fluka 1997/2104	61163	Gram	250	Coll. of Science/Chemistry
06-04-00694	sodium tetrachloropalladate	catalogue Fluka 1997/2105	Fulka 72009	Gram	100	Coll. of Science/Chemistry
06-04-00695	sodium tetrachloropalatinatate	catalogue Fluka 1997/2106	Fulka 72011	Gram	25	Coll. of Science/Chemistry
06-04-00696	Amino anthraluninone	catalogue Fluka 1997/2107	Fulka 6790	Kg	1	Coll. of Science/Chemistry
06-04-00697	4-Aminoacetophenone	catalogue Fluka 1997/2108	Fulka 6640	Kg	1	Coll. of Science/Chemistry
06-04-00698	2-Aminobenzonitrile	catalogue Fluka 1997/2109	Fulka 7001	Gram	100	Coll. of Science/Chemistry
06-04-00699	2-Aminobenimidazole	catalogue Fluka 1997/2110	Fulka 6910	Gram	100	Coll. of Science/Chemistry
06-04-00700	2-Amino-1,3,4-thiozole	catalogue Fluka 1997/2111	Fulka 9475	Gram	5	Coll. of Science/Chemistry
06-04-00701	3-Methylcyclohexanone	catalogue Fluka 1997/2112	Fulka 66453	Gram	100	Coll. of Science/Chemistry
06-04-00702	potassium permanganate	catalogue Fluka 1997/2113	Fulka 60470	Gram	25	Coll. of Science/Chemistry
06-04-00703	potassium thiocynate	catalogue Fluka 1997/2114	Fulka 60520	Gram	25	Coll. of Science/Chemistry

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00704	sodium amide	catalogue Fluka 1997/2115	Fulka 71258	Gram	25	Coll. of Science/Chemistry
06-04-00705	sodium borohydride	catalogue Fluka 1997/2116	Fulka 71321	Gram	100	Coll. of Science/Chemistry
06-04-00706	sodium hydrogen sulfate anhydrous	catalogue Fluka 1997/2117	Fulka 71656	Gram	5	Coll. of Science/Chemistry
06-04-00707	sodium sulfate anhydrous	catalogue Fluka 1997/2118	Fulka 71960	Gram	25	Coll. of Science/Chemistry
06-04-00708	1-Naphthyl amine-1-sulfonic acid	catalogue Fluka 1997/2119	Fulka 70840	Gram	10	Coll. of Science/Chemistry
06-04-00709	2-Naphthyl amine-7-sulfonic acid	catalogue Fluka 1997/2120	Fulka 70820		2	Coll. of Science/Chemistry
06-04-00710	Sephadex 2H-20	catalogue Fluka 1997/2121	Fulka 84952		2	Coll. of Science/Chemistry
06-04-00711	B-sitosterol	catalogue Fluka 1997/2122	Fulka 85442		2	Coll. of Science/Chemistry
06-04-00712	Rutin trihydrate	catalogue Fluka 1997/2123	Fulka 84082		1	Coll. of Science/Chemistry
06-04-00713	Myricetin	catalogue Fluka 1997/2124	Fulka 70050		1	Coll. of Science/Chemistry
06-04-00714	Quercetin dihydrate	catalogue Fluka 1997/2125	Fulka 83370		1	Coll. of Science/Chemistry
06-04-00715	Kampferol	catalogue Fluka 1997/2126	Fulka 60010		1	Coll. of Science/Chemistry
06-04-00716	Ammonium peroxodisulfate	catalogue Fluka 1997/2127	Fulka 9913		1	Coll. of Science/Chemistry
06-04-00717	Ampholyte solution pH-3-10	catalogue Fluka 1997/2128	Fulka 10043		1	Coll. of Science/Chemistry
06-04-00718	Apigenin	catalogue Fluka 1997/2129	Fulka 10793		1	Coll. of Science/Chemistry
06-04-00719	2-Naphthaldehyde	catalogue Fluka 1997/2130	Fulka 70190		2	Coll. of Science/Chemistry
06-04-00720	Indicator paper	257-460 pH-indicator paper strips 0 to 14 pH.	.			Coll. of Science/Chemistry
06-04-00721	Brand Digital Burette	Rudolf Brand CMBH+Co Manufacturers Lab Equip. Box 1155 Germany	.		5	Coll. of Science/Chemistry

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00722	Liquid Chromatography. HP 1040 M Diode-Array detection system .	Hewlett-Pakard Central Mailiry Departement P.O.Box 529 ;1180 AM Amstelveen. The Nerthlands.	.		2	Coll. of Science/Chemistry
06-04-00723	Buchi-161 Digital Vacuum Controller	Buchi Laboratoriums - Technik AG Postfach,CH-9230 Flawil ;Switzerland	.		2	Coll. of Science/Chemistry
06-04-00724	Spectronic 1201 Scanning UV-VIS Spectrophotometer	Milton Roy(Deutschland) GmbH analytical products Division D-8043 Unterfohring.	.		5	Coll. of Science/Chemistry
06-04-00725	Spectronic 20/20D Spectrophotometer	Milton Roy(Deutschland) GmbH analytical products Division D-8043 Unterfohring.	.		3	Coll. of Science/Chemistry
06-04-00726	The malvern masterSizer does afraction of what other particle sizers do.	Malvern instruments limited Spring Lane South Malvern Worcestershire WR14 1BR	.		1	Coll. of Science/Chemistry
06-04-00727	TOC- 500- ShImadzu total Organic Carbon analyzer	Shimadzu (Europa) GMBH Ackertasse 111. D-4000 Dusseldorf	.		2	Coll. of Science/Chemistry
06-04-00728	Automates series titrations: thenow mettler st20Sample Changer	Mettler Instrumente AG CH-8606 Greifensee Switzerland	.		2	Coll. of Science/Chemistry
06-04-00729	Mettler LabWare" Density" lets You hndle routine jobs efficiently.	Metter Instrument AG CH-8606 <u>Greifensee</u> Switzerland	.		5	Coll. of Science/Chemistry
06-04-00730	PH-electrodes Maintenance-free PH measurement.	Dr.w.Ingold Ltd-Industrie-Nord CH-8902 urdorf(Switzerland).	.		5	Coll. of Science/Chemistry
06-04-00731	Incubator Shakers.	Luckham Ltd.,victoria Gardens Burgess Hill, West Sussex.	.		3	Coll. of Science/Chemistry
06-04-00732	Conductometry with precision	Metrohmag P.O.Box CH-9100 Herisau Switzerland	.		3	Coll. of Science/Chemistry
06-04-00733	Elemental analysis for quality control	oxford Analytical Instruments Limied, 20 Nuffield WAY,Abingdon, Oxon.OX14 1TX England.	.		3	Coll. of Science/Chemistry
06-04-00734	GC-9A-Shimadzu Computerized GAS Chromatograph.	Shimadzu (Europa) Gmbc Ackerstrasse 111D-4000 Dusseldorf	.		1	Coll. of Science/Chemistry
06-04-00735	High Performance chromatography	pharmacia AB Laboratory Separation Division S-751 82Uppsala SWEDEN.	.		1	Coll. of Science/Chemistry
06-04-00736	Neslab Replaces Solid CO2	Neslab Instruments,INC.	.		2	Coll. of Science/Chemistry

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00737	Automate Hplc	Gilson Medical Electronics S.A., B.P.45 95400 Villiers-le-Bel. France	.		1	Coll. of Science/Chemistry
06-04-00738	Sartophor Electrophoresis System	Sartorius Gmbh Dept. VR P.O.Pox 3243 3400 Goettingen West Germany	.		2	Coll. of Science/Chemistry
06-04-00739	The Perfect UV Monitor	Pharmacia AB Laboratory Separation Division S-751 82Uppsala. SWEDEN	.		2	Coll. of Science/Chemistry
06-04-00740	Electrophoresis power supplies	Consort Parklaan 36 B-2300 Turnhou Belgium	.		1	Coll. of Science/Chemistry
06-04-00741	GAS Chromatography System Power	Packard Instrument B.V.P.O.BOX 519 2600 AM Delft The Netherlands	.		1	Coll. of Science/Chemistry
06-04-00742	Hlgh Performance, Readily Portable	Alcatel Techniques du vide 55, rue Edgar-Quinet 92240 Malakoff France	.		1	Coll. of Science/Chemistry
06-04-00743	Semimicro-balance that "outweighs" sample transfer.	Sartorius Gmbh Dept. VR, P.O.BOX 3243. 3400Goettingen ; West Germany	.		10	Coll. of Science/Chemistry
06-04-00744	Bonus Features of Computer Controlled Chromatogram- Evaluation - Camag TLC scanner II+HP 9816	CAMAG Sonnenmattstrasse 11 CH-4132 Muttenz/Switzerland	.		2	Coll. of Science/Chemistry
06-04-00745	rheomat 108	Abt. 1w, schaffhau serstrasse 580, postfach CH- 8052 <u>Zurich</u>	Contraves AG		5	Coll. of Science/Chemistry
06-04-00746	The choice for hollow cathode & deuterium lamps	Cathodeon Ltd, nuffield Road Cambridge England CB41 TF	.		1 for each	Coll. of Science/Chemistry
06-04-00747	New Mettler product Brochure.	Mettler Instrumente AG CH-8606 Greifensee Switzerland	.		4	Coll. of Science/Chemistry
06-04-00748	Galteks experience injection molding valves & fittings	Galtek Corporation P.O.Box 50104 1305 AC Almere The Netherlands	.		20	Coll. of Science/Chemistry
06-04-00749	Gelaire Activated Carbon and Chemisorbent Impregnated Carbon Filters	Gelaire c/o International Marketing Inquiry Processing Service Grppo Flow via lambo ,23/25 20090 Opera (MI) ITALY	.		20	Coll. of Science/Chemistry
06-04-00750	COBOS precision, Since 1908	COBOS,S.A., calabria,236-240, 08029 Barcelona, SPAIN	.		10	Coll. of Science/Chemistry
06-04-00751	Conductivity meter model 122 (orion)	cell range :20-1999 ous / cm	23197-939 VWR scientific		2	Coll. of Science/ Geology

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00752	Portable TDS meter Ps-Corning	Range:10- 1990 ppm	52468- 989 VWR scientific		2	Coll. of Science/ Geology
06-04-00753	Portable turbidimeter Model DRT-150 HF scientific	all specification in VWR	66120 - 252		1	Coll. of Science/ Geology
06-04-00754	Water Quality Monitoring system Model YSI 3560	with accessories cat no. (66121-257,66121-259,66121-261,66121-263)	66121-252		1	Coll. of Science/ Geology
06-04-00755	Water action set ,complete	specification page 1666 VWR	66130-686		1	Coll. of Science/ Geology
06-04-00756	Politox Rapid Toxicity test kit	.	66130- 436		1	Coll. of Science/ Geology
06-04-00757	Chlorid meter	.	CHR-BAA-100H		1	Coll. of Science/ Geology
06-04-00758	pH meter	Low cost potale pH/mV meter	PHJ-320-S		2	Coll. of Science/ Geology
06-04-00759	Dissolved Oxygene meter	Portable dissolved oxygene meter with oxygene probe ,temp.measuring	DOS-300-010G		1	Coll. of Science/ Geology
06-04-00760	Computer	Pentium III 500MHz Processor (Intel), 128 MB SDRAM DIMM, 10 GB Hard Disk, 48X IDE CDROM, 8MB Voodoo3 (or any 2X AGP Specification support), 17 inch SVGA Monitors, PCI Sound Card (Sound Blaster Compatibles), Speakers and Microphone, 3COM PCI 10/100 TwistedPair Ethernet Card, necessary LAN Accessories	.	.	15	Coll. of Science/ Mathematics
06-04-00761	Computer	Pentium III 500MHz Processor (Intel), 128 MB SDRAM DIMM, 13 GB Hard Disk, 6x DVD ROM Drive, 8MB Voodoo3 (or any 2X AGP Specification support), 19 inch SVGA Monitors, PCI Sound Card (Sound Blaster Compatibles), Speakers and Microphone, 3COM PCI 10/100 TwistedPair Ethernet Card, necessary LAN Accessories	.	.	3	Coll. of Science/ Mathematics
06-04-00762	Modem	56 Kbps Fax-Data-Voice modem (3COM)	.	.	3	Coll. of Science/ Mathematics
06-04-00763	Hub	16 Port Hub (3COM or any likes)	.	.	3	Coll. of Science/ Mathematics
06-04-00764	Storage Device	Portable Massive Storage Device (at least 120MB)	.	.	3	Coll. of Science/ Mathematics

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00765	Scanner	600X1200 dpi with 32bit color support	.	.	3	Coll. of Science/ Mathematics
06-04-00766	Projectors	Portable lcd Color Projector	.	.	2	Coll. of Science/ Mathematics
06-04-00767	Printers	HP LaserJet 1100	.	.	9	Coll. of Science/ Mathematics
06-04-00768	HP LaserJet Color	8500 A3 Paper Size	.	.	5	Coll. of Science/ Mathematics
06-04-00769	PhotoCopy Machine	Sharp 1516 model	.	.	3	Coll. of Science/ Mathematics
06-04-00770	Furniture	Full Lab establishing for 18 computers	.	.		Coll. of Science/ Mathematics
06-04-00771	MIS capacitance - meter 3153(OSK) company. with all Accessories.	C-V characteristics of MOS semiconductor, automatically recorded on x-y recorder. can be read directly on the meter. Provided by jointly using a DVM measurement frequency: 30Hz, 80Hz, 1KHz, 10KHz , 100KHz. 1MHz. capacity measurments ranges : 10pF, 30pF,100pF, 300pF, 1000pF. Bies Voltage: 3V, 10V, 30V, 100V.	Science and Education OGawa Seiki co., LTD. 3rd Ed.		2	Coll. of Science/ Physics
06-04-00772	Fast , high power pulse generator(hp)214B HEWLETT PACKARD. company.with all Accessories	The hp 214B pulse generator employs semiconductor technology for high power pulse generation up to 10MHz repetition rate. Delivering 100V pulse with 15ns ristimes,the 214B meets the speed demands of today applications,	HEWLETT PACKARD Electronic instruments and systems 1980		2	Coll. of Science/ Physics
06-04-00773	RF impedance Analyzer Model 4191A with all Accessories	1) 1-1000 MHz variable test frequency with sweep capability.2) direct reading of $z/q, y/-q / L-C-R-G-D-f$. 3)wide measurments range-1mOHM -100 KOHM ($z/$) 4)High resdution - 4.5 digit max. 5) Versatile easy - to - use test fixtures	HEWLETT PACKARD Electronic instruments and systems 1980		2	Coll. of Science/ Physics
06-04-00774	OSK 3557 Oscilloscope, 100 MHz, 5 -ch, 12 tress with all accessories, or analogue new model.	1) 5 -chanel, five input signal wave forms including Trig view ch.4, ch5 and ADD (ch.1+ch.2) can be displayed simaltaneously. 2)Max 12-traces.3)Alteranting trig functions.4)level lock function. 5) Hold off function.6)" Bend'sA"function	Science and Education OGawa Seiki co., LTD. 3rd Ed.		2	Coll. of Science/ Physics
06-04-00775	Electrometer/ 602 Keithly with all its Accessories	1) Battery operated live: 1000 Hours.2) 1500 V floating capability .3) 5×10^{-15} A input current. 4)measurs V,I,R,Q, and is a current source.	1985-1986 catalog and Buyers' Guide Electronic measurments instruments Kiethly		2	Coll. of Science/ Physics

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00776	Electrometer/ 610C Keithly with all its Accessories	1) 5×10^{-15} A input current. 2) 10^{14} Ohm input resistance to 100 V. 3)measurs V,I,R,Q, and is a current source.	1985-1986 catalog and Buyers' Guide Electronic measurments instruments Keithly		2	Coll. of Science/ Physics
06-04-00777	Recifier element.	Selenium rectifier , monnted on base with two phases 06825-00 plate elinensions 32mn x32mn, reverse voltage maxi 25V. AC. forword current 600mA Out put Voltage 10V.	PHYWE . university Laboratory experement 1980		10	Coll. of Science/ Physics
06-04-00778	Field- effect transister 2N3819	39127-11 N-chanal barrier layer Drain source voltage +- 25 V. gate source voltage -25V.power360mW f= 100MHz	PHYWE . university Laboratory experement 1980		20	Coll. of Science/ Physics
06-04-00779	Power Zener diode with heat- sink	silecon diode Zx10 1.4 W 9.4 to 10.6 V	PHYWE . university Laboratory experement 1980		20	Coll. of Science/ Physics
06-04-00780	Thynistor tetrode with heat - sink 39137.04	type BRY 20 inverse voltage 40V.Turnover voltage 340V.permanent direct current 100mA total power loss 1,3 W	PHYWE . university Laboratory experement 1980		20	Coll. of Science/ Physics
06-04-00781	Triac with heat sink 39137.02	type 6-400 continous r.m.s current 6A. peak inverse voltage 400V. ignition current 25 mA	PHYWE . university Laboratory experement 1980		20	Coll. of Science/ Physics
06-04-00782	Electron spin resonance apparatus	09050.88 ESR power supply 09050.93 ESR resonator with field coil 09050.00	PHYWE . university Laboratory experement 1980		2	Coll. of Science/ Physics
06-04-00783	X-Y-t recorder	portable potentionmeter type recorder 11408.93 switchable from XY to Yt operation. suitable for 50 to 60 Hz mains voltage 110-220-240 V.	PHYWE . university Laboratory experement 1980		2	Coll. of Science/ Physics
06-04-00784	PU 8820 uv/visible Pye Unicam spectrophotometer	Pye Unicam (PU 8820 uv/visible)	PHILIPS 1987		1	Coll. of Science/ Physics
06-04-00785	Digital spectrofluorometer	J-Y-3	JOBIN YVAN Co.		1	Coll. of Science/ Physics
06-04-00786	Laser system for dimentional mesurement	Model 5526A	HEWLETT PACKARD 1976		1	Coll. of Science/ Physics
06-04-00787	Laser transducer for build in applications	Model 5501A	HEWLETT PACKARD 1976		1	Coll. of Science/ Physics
06-04-00788	recorder and plotters	MP 8271 and MP 8272 Uneversal recorders	FLUKE and PHILIPS catalog 1989		1	Coll. of Science/ Physics

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00789	06959.00 Narrow beam tube	For investigation the deflection of an electron beam in a magnetic field : particularly suitable for determining the specific charge e/m of the electron from the deflection of the narrow beam in the homogeneous magnetic field of a pair of Helmholtz coils	University Laboratory exp. physics PHYWE volume 2 1982 Page 256			Coll. of Science/ Physics
06-04-00790	06776.00 photo cell on circuit panel	For investigating the photoelectric effect and determining Planck's constant h .	PHYWE volume2 1982 page 257		2	Coll. of Science/ Physics
06-04-00791	09086.93 Franck- Hertz tube with over 220V AC	For detection of the excitation of Hg atoms by electron collision	PHYWE volume2 1982 page 258		2	Coll. of Science/ Physics
06-04-00792	Spectral lamps Cd, He, Hg, Na, Ne and Zn	For the generation of line spectra or, in conjunction with suitable filters, for the production of monochromatic light.	PHYWE volume2 1982 page 260		2 each	Coll. of Science/ Physics
06-04-00793	Spectrum tubes; Hg 06664.00; H ₂ 06665.00; Ar 06666.00; Ne 06667.00; He 06668.00; N ₂ 06669.00	Gas discharge tubes with linear light source acting like a self-luminous slit, tube length about 230mm, with reduced diameter in the central part; pin electrodes on metal caps with connector pins.	PHYWE volume2 1982 page 260		2 each	Coll. of Science/ Physics
06-04-00794	09052.93 x-ray unit, 220v Ac 1) 06696.10 x-ray film, 90mm x 120mm, 25 sheets 2) 06696.20 x-ray film developer for 4.5 I solution 3) 0669.30 x-ray film fixing fixer for 4.5 I sol.	For radio scopic experiments for demonstrating ionizing radiation, for production of Laue patterns, for x-ray analysis by the Bragg method for determination of Planck's quantum of action, etc.	PHYWE volume2 1982 page 264			Coll. of Science/ Physics
06-04-00795	09052.01 Compton attachment	For the x-ray unit 02052.93 for demonstrating the Compton effect by absorption measurement	PHYWE volume2 1982 page 264		2	Coll. of Science/ Physics
06-04-00796	09054.88 Stern- Gurlach apparatus	For the direct experimental detection of the directional quantification of the magnetic moment of potassium atoms	PHYWE volume2 1982 page 266		2	Coll. of Science/ Physics
06-04-00797	09050.88 Electron spin resonance apparatus	The Hf energy from a quartz stabilized 146 MHz oscillator is applied to a bridge circuit.	PHYWE volume2 1982 page 267		2	Coll. of Science/ Physics
06-04-00798	02002.55 Tripod base, pass	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00799	2006.55 Barrel base, pass	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00800	02006.55 Right angle clamp, pass	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		4	Coll. of Science/ Physics
06-04-00801	02020.15 Rod, 15cm	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)			Coll. of Science/ Physics

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00802	02025.55 support rod, square, 250 mm, pass	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00803	37715.00 Universal clamp	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00804	07924.00 Insulating support	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00805	02073.00 supporting block	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00806	03001.00 Meter scale, demonst	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00807	31246.78 Distilled mater, 2500ml	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00808	30155.50 Sodium chloride 500 gm	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00809	30084.25 colycerol, redist. 250ml	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		6	Coll. of Science/ Physics
06-04-00810	02014.00 G- clamp	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		4	Coll. of Science/ Physics
06-04-00811	03504.00 Glass cell 150x 55x100mm	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00812	05948.00 standard thermometer -10 ...+30C	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00813	11744.00 ultrasonic pick-up	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00814	11744.93 Ultrasonic generator, 220V,	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00815	11448.93 oscilloscope 10 MHz 2 channel, 220 V	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00816	07542.20 Adapter, BNC plugg socket 4mm	phase and group velocity of ultrasonics in liquids (compact system)	PHYWE, Vol. 1st Ed. 1982 page (534.22-14)		2	Coll. of Science/ Physics
06-04-00817	x-ray fluorescence Technique (compact system)	for determination the major and trac elements in biological and geologecal samples	EG&G ORTEC 1983/1984 (page 362 New model)		1	Coll. of Science/ Physics
06-04-00818	Radioisotope Annular source (Ring shape) ⁵⁵ Fe ¹⁰⁹ Cd ²³⁸ Pu	for generation the primary x- ray	any company new model		2	Coll. of Science/ Physics
06-04-00819	X-ray Tube Targets of Fe Cu Mb W	for generation the primary x- ray	any company new model		2	Coll. of Science/ Physics

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00820	si(Li) Detector	for Detect the x-ray beam	any company new model		1	Coll. of Science/ Physics
06-04-00821	Multichannel Analyzer series80	4096 channel	canberra 81-82 page 236 new model.		1	Coll. of Science/ Physics
06-04-00822	single channel analyzer (SCA)	model , 2030A input signal accept to + 10V DC unipoton an bipelop out put +5 V to 8V out put impedance 50 OHM. rise time and full time less than 25 nano seconds.	canberra 1981-1982		10	Coll. of Science/ Physics
06-04-00823	Amplifier	model 2012 pulse amplitude +-19V rise time less than shpping time constant, decay time const 30usec	canberra 1981-1982		10	Coll. of Science/ Physics
06-04-00824	counter / timer	Model 1772 accept 0.5 -10 V (+50volt maximum), Maximum pulse width 20 nanosecond input impedance>100 OHM	canberra		10	Coll. of Science/ Physics
06-04-00825	Dual counts /times	Model 1776	canberra		10	Coll. of Science/ Physics
06-04-00826	Pulser	model 807	canberra		10	Coll. of Science/ Physics
06-04-00827	precision pulses	model 8210	canberra		3	Coll. of Science/ Physics
06-04-00828	multichannel analyser (MCA)	series (8200)	canberra		10	Coll. of Science/ Physics
06-04-00829	stablizer	model (8200)	canberra		10	Coll. of Science/ Physics
06-04-00830	scintillatis detectes	model (2M1.5) serial 846 canberra	canberra		10	Coll. of Science/ Physics
06-04-00831	Giger muller tube	559051301 Leybold- Heraeus	Leybold- Heraeus		10	Coll. of Science/ Physics
06-04-00832	²² Na	radioactive source	any company new model		5	Coll. of Science/ Physics
06-04-00833	⁶⁰ Co	radioactive source	any company new model		5	Coll. of Science/ Physics
06-04-00834	¹³⁷ Cs	radioactive source	any company new model		5	Coll. of Science/ Physics
06-04-00835	²²⁶ Ra	radioactive source	any company new model		5	Coll. of Science/ Physics
06-04-00836	¹⁵² Eu	radioactive source	any company new model		5	Coll. of Science/ Physics
06-04-00837	²⁴¹ Am	radioactive source	any company new model		5	Coll. of Science/ Physics

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00838	²²⁸ Ac	radioactive source	any company new model		5	Coll. of Science/ Physics
06-04-00839	¹³³ Ba	radioactive source	any company new model		5	Coll. of Science/ Physics
06-04-00840	09080.01 Neutron source 3.5 mCi	For the activation of suitable substance in the liqued or solid state by terminal(neutrons. the neutron source is type approved in accordance with the west German radiation sufety Regulations,. Type Am. Be	PHYWE catalogue		2 each	Coll. of Science/ Physics
06-04-00841	09080.02 Neutron source 7.0 mCi	For the activation of suitable substance in the liqued or solid state by terminal(neutrons. the neutron source is type approved in accordance with the west German radiation sufety Regulations,. Type Am. Be	PHYWE catalogue		2 each	Coll. of Science/ Physics
06-04-00842	Micro ammeter	150 microA, moving coil instrument of direct current. ranges 0-150 micro A. accuracy 1.5 internal resistance 1.8 KOHM. Test voltage 2KV.AC. case dimension 100mm x165 x 55mm	PHYWE 1986		20	Coll. of Science/ Physics
06-04-00843	Multipoint switch single pole G2 housing	single - pole, multi- way with there positions for 4mm buch pins.	PHYWE 1986		10	Coll. of Science/ Physics
06-04-00844	Universal plug- board	Insulated parel, green marked to show electrical feet lines provided with plastic caps for use dimation 420 x 297 mm	PHYWE 1986		10	Coll. of Science/ Physics
06-04-00845	Solarimeter with Integrator	Kip and Zonen.Complet set	Holland		2	Coll. of Science/ Physics
06-04-00846	57674 Rastered socket panel DIN.A2(40 x60)Cm	The rastered socket panel provides the basis of all circuit, constructed with plug in system	Leybold- Heraeus 1986		20	Coll. of Science/ Physics
06-04-00847	Apower transistor 2N3055	Base on left and base on right - 39129.03	PHYWE first edition 1980 Uiversity Labratoray Physics		100	Coll. of Science/ Physics
06-04-00848	Multi-frequency-LRC Meter (hp)	4275A (very necessary)	HEWLETT PACKARD. CO.		5	Coll. of Science/ Physics
06-04-00849	RF- impedance Analyser (hp)	4191 A . Very necessary	HEWLETT PACKARD. CO		5	Coll. of Science/ Physics
06-04-00850	Fast , high power pulse genarator (hp)	214 B HEWLETT PACKARD . COMPANY (very necessary)	HEWLETT PACKARD. CO.		5	Coll. of Science/ Physics
06-04-00851	PA meter- DC voltage source (hp)	very necessary	4140 HEWLETT PACKARD . COMPANY		5	Coll. of Science/ Physics
06-04-00852	pulse generator -	PM 5716	PHILIPS		5	Coll. of Science/ Physics

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00853	Digitizing Oscilloscope	PM 3340 2GHz (very necessary)	Philips Company		5	Coll. of Science/ Physics
06-04-00854	Transfer storage oscilloscope	PM 3266 100 MHz Philips Company(very necessary)	Philips Company		5	Coll. of Science/ Physics
06-04-00855	MIS Capacitance-meter	3153 (OSK) COMPANY(very necessary)	(OSK) COMPANY		5	Coll. of Science/ Physics
06-04-00856	Oscilloscope	Very necessary - 100 MHz 5-ch, 12 trace 3557	(OSK) COMPANY		5	Coll. of Science/ Physics
06-04-00857	X-ray diffraction apparatuses	for undergraduate experiment - very necessary	(OSK) COMPANY		5	Coll. of Science/ Physics
06-04-00858	Digital AVO meters	[solar 350,550] or new models - (very necessary)	(OSK) COMPANY		5	Coll. of Science/ Physics
06-04-00859	602 - Electrometer-Keithley		Keithley		5	Coll. of Science/ Physics
06-04-00860	600A- Electrometer-Keithley		Keithley		5	Coll. of Science/ Physics
06-04-00861	Signal generators microwave	frequency precision high stability AM FM 0.5 to 1024MHZ, models 8671A, 8640A,8640B..	(OSK) COMPANY(very necessary)		5	Coll. of Science/ Physics
06-04-00862	UV- VIS spectrophotometer	(L.H company), PU 8800	(L.H company),		5	Coll. of Science/ Physics
06-04-00863	Power supplies: general purpose	300-11000w output, models 6427B-6483C .	(L.H company),		5	Coll. of Science/ Physics
06-04-00864	Power supplies:	modular: 200-600w switching regulated, models 62605J-62605M, 62615M,62605L .	(L.H company),		5	Coll. of Science/ Physics
06-04-00865	Component test capacitance	brige and high capacitance meters models 4270A and 4350A/B.	(L.H company),		5	Coll. of Science/ Physics
06-04-00866	Platinum Resistance thermometer	model 2802A.	(L.H company),		5	Coll. of Science/ Physics
06-04-00867	Silicon surface Barrier Detector preamplifier	Model(2003T/2003BT)	Canberra co.		5	Coll. of Science/ Physics
06-04-00868	Sil(Li) [silicon-Lithium] Detector vertical type model(sl-30180)	with Be-window(Area=30mm2	Canberra co.		5	Coll. of Science/ Physics
06-04-00869	preamplifier model(2008)	(Canberra co.)	Canberra co.		5	Coll. of Science/ Physics
06-04-00870	Ring Radio isotope sources	(Fe-55)(cd-109)(pu-238) for x-ray Fluorescence	Canberra co.		5	Coll. of Science/ Physics

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00871	Nuclear counter model	(1775)(Canberra 81-82 co.)	(Canberra 81-82 co.)		5	Coll. of Science/ Physics
06-04-00872	Experiment V. Atomic physics	Item 94-112 LEYBOLD HERAEVS GMBH Balmer series of hydrogen compact set of Balmer series	LEYBOLD HERAEVS		5	Coll. of Science/ Physics
06-04-00873	Solid state laser	(N.D./ Laser)	Philips company		5	Coll. of Science/ Physics
06-04-00874	Gase laser	(Co2 and Argon Ion laser	Philips company		5	Coll. of Science/ Physics
06-04-00875	The fabry-perot (etalen)	.	Philips company		5	Coll. of Science/ Physics
06-04-00876	Comptons cattering	.	Philips company		5	Coll. of Science/ Physics
06-04-00877	Hall effect aparatus	for semmiconductor and metal . [PHYWE]	[PHYWE]		5	Coll. of Science/ Physics
06-04-00878	Thermogenerator	semiconductor aparatus [complete set]	[PHYWE]		5	Coll. of Science/ Physics
06-04-00879	Tesla meter complete set	for measuring law magnatic field	[PHYWE]		5	Coll. of Science/ Physics
06-04-00880	low temperature Cryostat	[for optical and Electrical measurmets for thin films]	[PHYWE]		5	Coll. of Science/ Physics
06-04-00881	set of Electronic Experiments	Complete for Science and Engineering students	[PHYWE]			Coll. of Science/ Physics
06-04-00882	Monochromator	MCKEE-PEDERSEN Instruments [0-100000] Angistroms	DANVILLE, Calif.U.S.A.			Coll. of Science/ Physics
06-04-00883	Hot plate	1000W ,1500 W ,2000 W , 2500 W	EDWARD company			Coll. of Science/ Physics
06-04-00884	Electrical oven	[memmert company]220 v , 1000 W 0-400 degree centigrade	[memmert company]			Coll. of Science/ Physics
06-04-00885	Errotary pump	E 306 A EDWARD company	EDWARD company			Coll. of Science/ Physics
06-04-00886	complet set of O-ring	chamber (two end open) E 306 A EDWARD company	EDWARD company			Coll. of Science/ Physics
06-04-00887	complet set of O-ring	E 306 A EDWARD company	EDWARD company			Coll. of Science/ Physics
06-04-00888	TE mperature control unit	E 306 EDWARD company	EDWARD company			Coll. of Science/ Physics
06-04-00889	crystal monitor	with thickness measurement system E 306 A	EDWARD company			Coll. of Science/ Physics

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00890	HEATING COIL E 306 A	.	EDWARD company			Coll. of Science/ Physics
06-04-00891	SUBSTRATE HOLDER E 306 A	.	EDWARD company			Coll. of Science/ Physics
06-04-00892	PC	With all accessories - Newest type	.		2	Coll. of Science/ Biology
06-04-00893	Printer laser jet HP 1100	Newest type	.		2	Coll. of Science/ Biology
06-04-00894	Photocopy Machine	Computarised - Large size	.		1	Coll. of Science/ Biology
06-04-00895	Spiramix Roller Mixer	450*190*100 mm -	Laboratory Apparatus & Scientific Instruments (LASI) 403/0234/00		2	Coll. of Science/ Biology
06-04-00896	Bottles	50 ml 35 mm height, 45 mm diam	215/0970 LASI		50	Coll. of Science/ Biology
06-04-00897	Bottles - universal	28 ml, overall size 83*28 mm	215/0059/00 - LASI		1000	Coll. of Science/ Biology
06-04-00898	Bottels - universal	100 ml	215/0180 - LASI		500	Coll. of Science/ Biology
06-04-00899	Bottles - universal	250 ml	215/0180 - LASI		200	Coll. of Science/ Biology
06-04-00900	Bottle screw cap	200 ml - autoclavable	215/0406 - LASI		200	Coll. of Science/ Biology
06-04-00901	Bottle - Aspirator	5 liters	215/1130 - LASI		20	Coll. of Science/ Biology
06-04-00902	Bottles Polystop	stopper and loose fitting glass	215/0520/00 - LASI		100	Coll. of Science/ Biology
06-04-00903	Brushes, test tube	185 mm	216/007/00 - LASI		50	Coll. of Science/ Biology
06-04-00904	Staining bar/glass	22*22 mm square	406/0208/00 - LASI		200	Coll. of Science/ Biology
06-04-00905	Stand test tube	with 72 holes	216/1258 - LASI		30	Coll. of Science/ Biology
06-04-00906	Thermometer	Max & min minus 20 to plus 50 degrees Celsius	268/0664/00 - LASI		10	Coll. of Science/ Biology
06-04-00907	Eppendurf Pipette	Model 4700 - multi volume	307/8504 - LASI		15	Coll. of Science/ Biology

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00908	Book shelves	2 x 1.5	.		6	Coll. of Arts/ Social Dep.
06-04-00909	Locker	2 x 1.5	.		2	Coll. of Arts/ Social Dep.
06-04-00910	Pentium	Intel 350 MHz, 64 MB RAM, 6.2GB Hard disk,CD + Multimedia,	.		9	Coll. of Arts/ Social Dep.
06-04-00911	Printer 6P A3 1200 DPI	.	.		9	Coll. of Arts/ Social Dep.
06-04-00912	Aircondition	.	.		2	Coll. of Arts/ Social Dep.
06-04-00913	Sofa	.	.		1	Coll. of Arts/ Social Dep.
06-04-00914	Sitting Table	.	.		6	Coll. of Arts/ Social Dep.
06-04-00915	Oil Heater	.	.		6	Coll. of Arts/ Social Dep.
06-04-00916	Tv+Video+Camera	.	.		1	Coll. of Arts/ Social Dep.
06-04-00917	Photo copy Device	.	.		1	Coll. of Arts/ Social Dep.
06-04-00918	Color laser printer A3	.	.		2	Coll. of Arts/ Computer Unit
06-04-00919	Scanner	.	.		2	Coll. of Arts/ Computer Unit
06-04-00920	Cd Drive Writer 4X	.	.		4	Coll. of Arts/ Computer Unit
06-04-00921	Ups	.	.		4	Coll. of Arts/ Computer Unit
06-04-00922	Fax Modem	External Connection			9	Coll. of Arts/ Computer Unit
06-04-00923	Network Card	.	.		9	Coll. of Arts/ Computer Unit
06-04-00924	Tv+Video+Camera	.	.		1	Coll. of Arts/ History Dep.
06-04-00925	Slide Projector	.	.		1	Coll. of Arts/ History Dep.
06-04-00926	Photo copy Device	.	.		1	Coll. of Arts/ Islamic Stuties

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00927	Computer Pentium II with Laser printer and accessories	.	.		1	Coll. of Arts/ Islamic Studies
06-04-00928	TV, 28"	Multi System			1	Coll. of Arts/ Islamic Studies
06-04-00929	Recorder + Radio	.	.		1	Coll. of Arts/ Islamic Studies
06-04-00930	Aircondition, window type,	Cool and heat			1	Coll. of Arts/ Islamic Studies
06-04-00931	Solid Earth Ball	.	.		1	Coll. of Arts/ Geography
06-04-00932	Over Head Device	.	.		10	Coll. of Arts/ Geography
06-04-00933	Tables Stodio	.	.		30	Coll. of Arts/ Geography
06-04-00934	Maps Camera Zerox	.	.		1	Coll. of Arts/ Geography
06-04-00935	Pantograph device	.	.		2	Coll. of Arts/ Geography
06-04-00936	Photos development laboratory	.	.			Coll. of Arts/ Geography
06-04-00937	Camera + Video + Photograph Camera	.	.		3	Coll. of Arts/ Geography
06-04-00938	Compass	.	.		5	Coll. of Arts/ Geography
06-04-00939	Rotering set	.	.		5	Coll. of Arts/ Geography
06-04-00940	Book shelves	.	.		2	Coll. of Arts/ Geography
06-04-00941	Color Photocopier machine	.	.		1	Coll. of Arts/ Geog - Lang.
06-04-00942	typewriter	Kurdish			1	Coll. of Arts/ Kurdish Dep.
06-04-00943	Curtis "fast cutter"	one man cross cut saw	75168 Forestry Suppliers Inc. Cat. 49 1998 (FS)		5	Agriculture/Plant Production
06-04-00944	Curtis "fast cutter"	two man cross cut saw with handles	75166 (FS)		5	Coll of Agr./Plant Prodduction

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-00945	Portable leaf Area meter	c1-202 Area meter	92562 (FS)		3	Coll of Agr./Plant Production
06-04-00946	portable laser leaf Area meter	c1-203	92561 (FS)		3	Coll of Agr./Plant Production
06-04-00947	Christmas trees	.	94736 (FS)		5	Coll of Agr./Plant Production
06-04-00948	Power pruners 81001 model pp800 power pruner	81001 model pp800 power pruner	(FS)		2	Coll of Agr./Plant Production
06-04-00949	15 tree pruner 81044 pruner	.	81044 (FS)		5	Coll of Agr./Plant Production
06-04-00950	Newman Heavy – Duty tree trimmer	.	81172 (FS)		15	Coll of Agr./Plant Production
06-04-00951	High Limb chain saw	.	81078 (FS)		15	Coll of Agr./Plant Production
06-04-00952	Corona Heavy – duty lopping shears	.	69139 (FS)		10	Coll of Agr./Plant Production
06-04-00953	Kamaki 5” long Reach pruner	.	81170 (FS)	Inch	15	Coll of Agr./Plant Production
06-04-00954	Stereozoom microscop ,with accessories magnification	6.7x to 45x, include binocular eyetubs , and twin zooming objectives , with 6v/12w transmitted light illuminator or housed in the base and an oblique high intensity 6v/7.2w focusing spare lamp. Eyepieces 10x 220V 50Hz single phase, with spare lamps	BDSL. comp. Cod no. MJ 630-10		25	Coll of Agr./Plant Production
06-04-00955	Student microscope, magnification	40 to 400x, with inclined monocular eyepiece tub. Eyepiece – W 10xD (with pointer objectives 4xD, 10xD, 40xRD 220V 50Hz single phase, with all accessories and spare lamps	BDSL. comp. Cod no. MJ 230-15		25	Coll of Agr./Plant Production
06-04-00956	Microscop slide	76x26 mm thickness 1mm box of 50	BDSL. comp. Cod no. ML 300-0.8	box	500	Coll of Agr./Plant Production
06-04-00957	Coloured slide	76x26mm , thikness 1mm packs of 100 , white colour	BDSL. ML400-10	pack	100	Coll of Agr./Plant Production
06-04-00958	Overhead projector	24V 250W tungsten halogen lamp and cooling fan , microswitch disconnects power when the cover is removed with 317mm lens and friction drive focussing Overall 362x368x762mm for 220V 5Hz single phase , with all accessories and spare lamps	BDSL. Comp. Cod no. PW 240-25		5	Coll of Agr./Plant Production
06-04-00959	Screen , white , tripod mounting	Dimension 1500x1500mm	BDSL. Comp. Cod no. PW 260-25		5	Coll of Agr./Plant Production

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06-04-00960	Flask shaker	with clamps to accept up to 500ml , with steples variable speed control and 0 to60 minute timer , overal 780x270x240mm for 220V 50Hz , with all accessories and spare parts	BDSL. Comp. Cod no. SE 530-10		5	Coll of Agr./Plant Prodduction
06-04-00961	Stirrers , magnatic	maximum speed 1300rpm. Top plate 180x215mm electronic variable speed control with off position	BDSL. Comp. Cod no. SS380-10		10	Coll of Agr./Plant Prodduction
06-04-00962	Bottles , glass with wide mouth	500ml with cap R3/58	BDSL. Cat. Cod no.BR160-50		500	Coll of Agr./Plant Prodduction
06-04-00963	Bottles (Jars), ointment with cap	120ml R3/58	BDSL. Cat. Cod no. BR165-32		500	Coll of Agr./Plant Prodduction
06-04-00964	Bottles	250ml , with cap R3/83	BFDL. Comp. Cod no. BR165-42		500	Coll of Agr./Plant Prodduction
06-04-00965	Bottles	500ml with cap (R3/100)	BDSL. Comp. Cod no. BR165-50		500	Coll of Agr./Plant Prodduction
06-04-00966	Bunsen Burner	overal heigh approx. 124mm ,with air regulator	BDSL. Comp. Cod no. BY100-10		50	Coll of Agr./Plant Prodduction
06-04-00967	Filter paper	whatmn ,diameter 3.2cm Grade no. 4	BDSL. Comp. Cod no. FB200-18		100	Coll of Agr./Plant Prodduction
06-04-00968	Filter paper	Diameter 5.5cm	FB 200-24		100	Coll of Agr./Plant Prodduction
06-04-00969	Filter paper	Diameter 9cm	FB 200-28		100	Coll of Agr./Plant Prodduction
06-04-00970	Hot plate	stuart SH1/D2 with press-to-set temprature control knob and digital readout , cast aluminum plate 130x130mm mounted on control box 180x215x130mm(WxDxH), with illuminatedon/off switch , “hot plate on” indicator light and panel mounted fuse , for 220V50Hz single phase	BDSL. Comp. Cod no. HP345-20		10	Coll of Agr./Plant Prodduction
06-04-00971	Hot plate	similar to HP345 but with cast aluminium top plate 500x300mm , overal height 115mm for 220V 5Hz single phase	BDSL. Comp. Cod no. HP347-5		10	Coll of Agr./Plant Prodduction
06-04-00972	Hygrometer , mason's	with wet and dry bulb thermometers mounted in aplasti case which has hanging slot. Dual scaled –5 to 50C and 20 to 120 F with reseroir and spare wicks	BDSL. Comp. Cod no. HY 200-10 masons		20	Coll of Agr./Plant Prodduction
06-04-00973	Cooled incubator	series Icp mommert temp. rang 0 to 60C , staines steel interior and exterior , enrgy efficient cooling heating system	BDSL. Comp. Cod no. IN 505-20		5	Coll of Agr./Plant Prodduction

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06-04-00974	Kjeldahl assembly	combined kjeldahl digestion , distilation unit ,6- place , 500ml flask , glass war / conection set include 12x Kjeldahl flask ,500ml , 6x conical receive flask , 500ml 6x condensens , 6x splash heads , 6x drip tubes , plus conecting tubing , stoopers , rods bosshead and clamps HxWxD 1560x1220x460mm. 220V50Hz with spar parts	BDSL. Comp. Cod no. KJ120-15		3	Coll of Agr./Plant Prodduction
06-04-00975	Havahart double door trap	No.0 , 10" x 3" x 3"	forestry suppliers, inc. cat.1998, cod no. 35772		20	Coll of Agr./Plant Prodduction
06-04-00976	Raid wasp and Hornet killer	.	F.S.1 cat.1998 cod no. 25337		25	Coll of Agr./Plant Prodduction
06-04-00977	Cornell university cabinet	made of sleet laminate covering, snugly wrapped around frame, sealed, and riveted dead air space provided in sides, top and door, fumigant area provided in bottom holds 12 cornel drawer. 43" x 22" x 20" (H x W x D) complet with drawers	F.S. in. cat.1998 cod no. 53720		5	Coll of Agr./Plant Prodduction
06-04-00978	Plastic planters	57cm x 22cm , white	lbc cat 1998 rec. z-BT5W		50	Coll of Agr./Plant Prodduction
06-04-00979	Plastic planters	Green	z-BT5E		50	Coll of Agr./Plant Prodduction
06-04-00980	Plastic planters	76cm x 24cm white	Buyer cat.1998 ref Z-BT7W		50	Coll of Agr./Plant Prodduction
06-04-00981	Plastic planters	Green	Z-BT7E		50	Coll of Agr./Plant Prodduction
06-04-00982	Viroxon	insect traps, size 10" x 15", No. of sheets per pack 10	LBS cat.1998 ref Z-ITL		100 packs	Coll of Agr./Plant Prodduction
06-04-00983	Extra Deep pots	Diamete x depth 178mm x 190 mm	From LBS catalog cod number Z-S15DP		1000	Coll of Agr./Plant Prodduction
06-04-00984	Extra Deep pots	Diameter x Depth, 75 x 230mm	.		500	Coll of Agr./Plant Prodduction
06-04-00985	Extra Deep pots	Diameter x Depth 297mm x 195mm	.		500	Coll of Agr./Plant Prodduction
06-04-00986	Jiffy 7 pellets	size 30 mm	from LBS cat. Cod. No. Z-J730 CASE		20.000 (10 case)	Coll of Agr./Plant Prodduction
06-04-00987	Jiffy 7 pellets	size 42mm	.		10.000 (10 case)	Coll of Agr./Plant Prodduction
06-04-00988	Olympus	objective Micrometer, stage Micrometer w/ ochilar Micrometer wf10 x Micro made in Japan	Olympus		15	Coll of Agr./Plant Prodduction

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06-04-00989	Slide	Hemocytometer or petroff - Hausser	any company		15	Coll of Agr./Plant Production
06-04-00990	tractor	Johndeer for weel drive 250 HP or above	Jondeer company		1	Coll of Agr./Plant Production
06-04-00991	Combine	Johndeer for harvisting wheat with air condition	any company		1	Coll of Agr./Plant Production
06-04-00992	Truck (Pickup)	Toyota king cap stout 1meter ton full specification four weel drive Model 2000	Japan		2	Coll of Agr./Plant Production
06-04-00993	Incubator and hatcher for chicken eggs	size 500 egg	Chick Master Co.		1	Coll of Agr./Plant Production
06-04-00994	Incubator and hatcher for chicken eggs	size 5000 egg	Chick Master Co.		1	Coll of Agr./Plant Production
06-04-00995	Computer	pentium III 450 MHz Intel , 128 MB Ram , 6.4 GB harddisk , 44X Cd ram + multimedya + speaker , s.v.g.a 4 MB , Moniter 15" Inch. , keyborad + mouse + pad mouse	Japan		10	Coll of Agr./Plant Production
06-04-00996	Printer	1100 laserjet a4	Japan		3	Coll of Agr./Plant Production
06-04-00997	Printer	laserjet color a4	Japan		2	Coll of Agr./Plant Production
06-04-00998	Electrical Generator	220 Volt , 50 KV Honda Diesel	Japan		1	Coll of Agr./Plant Production
06-04-00999	Electrical Generator	220 Volt , 100 KV Honda Diesel	Japan		1	Coll of Agr./Plant Production
06-04-01000	Electrical Generator	220 Volt , 5 KV Honda Gas	Japan		2	Coll of Agr./Plant Production
06-04-01001	Toyota Coster	21 passanger model 2000 with air condition	Japan		2	Coll of Agr./Plant Production

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-01002	Electronic Distance Measurement	Measuring range (under normal atmospheric condition) with triple prisms: up to 1000m (3300ft.), Accuracy: -10°C to + 40°C (5mm+5ppm) m. approx -20°C to -10°C and, + 40°C to + 50°C 5mm+4ppm) m. a. e. approx Max. display: 1999.999, 7digits, Unit of Measure Display, Single & continuous: 1mm (0.005ft.) approx, Tracking: 10mm(0.02ft) approx Measuring time, Initially: 4sec approx Single & continuous: 4sec approx, Tracking: 0.5sec approx Atmospheric correction, Temp: -30°C(-22F to +140F) approx, Pressure: 420 to 800mmHg(16.5 to 31.5 inI lg) approx Prism offset compensation: -99mm to + 99mm (1mm step) approx., Sight telescope, Magnification: 8x approx, Field view: 20 (35m dia. At 1000m) approx Instrument Tilt range: ±40°C approx Ambient temp range: -20°C to +50°C (-40 F to + 122 OF) approx With all accessories, Operation servicing & spare parts manual & Recommended electrical, mechanical & electronic spare parts for (3- 5) years operations.	.	.	1	College of Engineering/civil
06-04-01003	Tacho Generator	For registering the speed of electrical machines, out put Voltage 1V 1000min-1, power class 1K V	.	.	1	Coll. of Engineering/Electrical
06-04-01004	Isolating Transformer	3-phase, power: 1000VA, Suitable for all circuit configurations, All connections via 4mm safety sockets, Primary: 3x380/220 V, 50 Hz, Secondary: 3x 2x/10 V.	.	.	1	Coll. of Engineering/Electrical
06-04-01005	Phase lock loop	Up to 50MHz, 5V Supply operation, TTL compatible inputs and out puts, Externally controlled variable loop gain.	.	.	2	Coll. of Engineering/Electrical
06-04-01006	A /D Converter, 8 bit	Bipolar 8-bit high speed, Maximum conversion rate : 35 MHz, All digital outputs are ECL compatible.	.	.	5	Coll. of Engineering/Electrical
06-04-01007	D /A Converter, 8 bit	Maximum conversion rate : 35 MHz, A triple 8-bit video DAC	.	.	5	Coll. of Engineering/Electrical
06-04-01008	Segment Display Unit with Driver IC	Vf (typ) 4.2V, VR segment (max) 6V, VR decimal point (max) 5V, (typ) 20 mA, If (max) 25 mA, Intensity digit (typ) 3.6 med, PD segment (max) 85 mW, Display driver: 4-digit LED driver designed to drive 7-segment LED display, Supply voltage: 4.5-15 V.	.	.	5	Coll. of Engineering/Electrical

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-01009	Megger Tester	Insulation resistance: 0-2000 M ohm (1mA), accuracy: typically 1.5% of fsd, Continuity: 0 - 4ohm (200mA), accuracy: typically 1.5% of fsd, voltage : 0 -600 Vac, accuracy: 2.5% of fsd, Analogue insulation & continuity tester is suitable for use on switch gear, motors, generators & sformers, Supplied complete with accessories including batteries and test leads .	.	.	2	Coll. of Engineering/Electrical
06-04-01010	Current Transformer	120 : 5 ratio transformer, secondary winding is rated 5 A,2.5 VA, Accuracy : 1%	.	.	3	Coll. of Engineering/Electrical
06-04-01011	Power Factor Meter(Single Phase)	Supplied with 500 A current prob, test leads, test prob, test clips & manual, Voltage (true rms): 0V - 600 V rms or d.c, accuracy: 0.5%, Current: 1A - 1000 A (ac or dc), power: 0 - 600 KW average, power factor : 0 - 1.	.	.	5	Coll. of Engineering/Electrical
06-04-01012	Thyristor ,Different Types	Voltage : up to 1500 V, Current : 390 A, Peak one cycle surge current : 4650 A, Gate trigger voltage : 3 V,gate trigger, current : 150 mA	.	.	150	Coll. of Engineering/Electrical
06-04-01013	Pessure Gauge (Bourdon)	To measure : 0 - 6 bar .	.	.	2	Coll. of Eng./Mechanical
06-04-01014	Pessure Gauge (Bourdon)	To measure : 5 - 6 bar .	.	.	2	Coll. of Eng./Mechanical
06-04-01015	Pessure Gauge (Bourdon)	To measure : 1 - 16 bar	.	.	2	Coll. of Eng./Mechanical
06-04-01016	Barometer	Solid brass case, Measuring Rangs : 71 - 79 cm mercury.	.	.	2	Coll. of Eng./Mechanical
06-04-01017	Differential Liquid Manometers	Solid state stationary manometer on a heavy gauge steel panel for measuring positive,negative or differential pressure, Solid acrylic body easily viewed,chrome finish scale, Over pressure fluid loss protection, Complet with 2 shut off type ,molded nylon tubing conectors, 2 flexible plastic tubing, one meter long, Total Pressure : 7 bar approximately.	.	.	5	Coll. of Eng./Mechanical
06-04-01018	Metric Gear Milling Cutters in Super H.S.S	Angle of action : 20°, Inside diamater :1, Modules : 0.5,1,2,3,4,5,each module consists of 8 cutters.	.	.	2	Coll. of Eng./Mechanical
06-04-01019	Reversible Carbide Tip Face Milling Cutters	Outside dia : 80 mm, Rake angle : 6°, 22 mm Hole H7 fit, Number of blades : 6/ head	.	.	4	Coll. of Eng./Mechanical
06-04-01020	HSS End Milling Cutters	Staight shank ,right - hand cutting,spiral flutes .	.	.	10	Coll. of Eng./Mechanical

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-01021	HSS End Milling Cutters	4 mm dia, 45 mm long, 18 mm cutting length, 4 mm shank dia .	.	.	10	Coll. of Eng./Mechanical
06-04-01022	HSS End Milling Cutters	6 mm dia, 56 mm long, 22 mm cutting length, 6 mm shank dia .	.	.	10	Coll. of Eng./Mechanical
06-04-01023	HSS End Milling Cutters	8 mm dia, 63 mm long , 25 mm cutting length, 8 mm shank dia .	.	.	10	Coll. of Eng./Mechanical
06-04-01024	HSS End Milling Cutters	10 mm dia , 70 mm long, 28 mm cutting length, 10 mm shank dia .	.	.	10	Coll. of Eng./Mechanical
06-04-01025	HSS End Milling Cutters	12 mm dia , 80 mm long, 32 mm cutting length, 12 mm shank dia .	.	.	10	Coll. of Eng./Mechanical
06-04-01026	HSS End Milling Cutters	15 mm dia, 90 mm long, 36 mm cutting length, 16 mm shank dia .	.	.	10	Coll. of Eng./Mechanical
06-04-01027	HSS End Milling Cutters	18 mm dia, 100 mm long, 40 mm cutting length, 16 mm shank dia .	.	.	10	Coll. of Eng./Mechanical
06-04-01028	HSS End Milling Cutters	22 mm dia, 110 mm long, 45 mm cutting length, 20 mm shank dia .	.	.	10	Coll. of Eng./Mechanical
06-04-01029	Grinding Wheels	150 mm outside dia , 25 mm thickness, 32 mm bore diameter for ferrous materials .	.	.	4	Coll. of Eng./Mechanical
06-04-01030	Grinding Wheels	150 mm outside dia , 25 mm thickness, 32 mm bore diameter for soft and non - ferrous materials .	.	.	4	Coll. of Eng./Mechanical
06-04-01031	Grinding Wheels	150 mm outside dia , 25 mm thickness, 32 mm bore diameter for hard ferrous materials .	.	.	4	Coll. of Eng./Mechanical
06-04-01032	Graphite Crucible with Cap for melting steel, copper, and other metals	* Capacity : 10 Kg Aluminium .	.	.	4	Coll. of Eng./Mechanical
06-04-01033	Cold Drown- Round Aluminium Bars	Purity > 98%.	.	.	140	Coll. of Eng./Mechanical
06-04-01034	Cold Drown- Round Aluminium Bars	15 mm dia, 3000 mm long . Price / Kg.	.	.	140	Coll. of Eng./Mechanical
06-04-01035	Cold Drown- Round Aluminium Bars	20 mm dia, 3000 mm long . Price / Kg.	.	.	140	Coll. of Eng./Mechanical
06-04-01036	Cold Drown- Round Aluminium Bars	40 mm dia, 3000 mm long . Price / Kg.	.	.	180	Coll. of Eng./Mechanical
06-04-01037	Cold Drown- Round Aluminium Bars	50 mm dia, 3000 mm long . Price / Kg.	.	.	180	Coll. of Eng./Mechanical
06-04-01038	Round Bars Yellow Brass	150 mm outside dia , 25 mm thickness, 32 mm bore diameter 30 mm dia, 30 mm long. Price / Kg.	.	.	184	Coll. of Eng./Mechanical

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-01039	Round Bars Yellow Brass	150 mm outside dia , 25 mm thickness, 32 mm bore diameter 45 mm dia, 300 mm long. Price / Kg.	.	.	84	Coll. of Eng./Mechanical
06-04-01040	Round Bars Yellow Brass	150 mm outside dia , 25 mm thickness, 32 mm bore diameter 60 mm dia ,1000 mm long .price / Kg.	.	.	100	Coll. of Eng./Mechanical
06-04-01041	Round Bars Yellow Brass	150 mm outside dia , 25 mm thickness, 32 mm bore diameter 70 mm dia, 1000 mm long. Price / Kg.	.	.	132	Coll. of Eng./Mechanical
06-04-01042	Cold Drown- Low Carbon Steel Bars	30 mm dia,3000 mm long, price / Kg.	.	.	800	Coll. of Eng./Mechanical
06-04-01043	Cold Drown- Low Carbon Steel Bars	40 mm dia, 3000 mm long, price / Kg.	.	.	400	Coll. of Eng./Mechanical
06-04-01044	Cold Drown- Low Carbon Steel Bars	50 mm dia , 3000 mm long, price / Kg.	.	.	400	Coll. of Eng./Mechanical
06-04-01045	Comercial Hot Rolled Low Carbon Steel Sheet (2 X 1m)	0.5 mm thickness , price / sheet.	.	.	40	Coll. of Eng./Mechanical
06-04-01046	Comercial Hot Rolled Low Carbon Steel Sheet (2 X 1m)	1.0 mm thikness , price / sheet .	.	.	40	Coll. of Eng./Mechanical
06-04-01047	Hand Mini Grinder	Grinding Wheel 115 mm, 220 Volt,50 Hz, 1 ph, 800 Watt, Sphndle thread M 14, No load speed 11000 rpni, Net weight 2 Kgs, with grinding wheel,spanner,and side handli.	.	.	6	Coll. of Eng./Mechanical
06-04-01048	Grinding Wheels for Steel	Size : 115 mm o.d., 6 mm thick.	.	.	150	Coll. of Eng./Mechanical
06-04-01049	180 mm Grinder	large ,easy to hold side handle for fatigue - free opertion, 220 Volt, 50 Hz, 1 Ph, 2000 watt, No load speed 8000 rpm, Net weight 4.5 Kgs, with grinding wheel,spanner,and side handle.	.	.	6	Coll. of Eng./Mechanical
06-04-01050	Grinding Wheels for Steel	size : 180 mm o.d., 8 mm thick	.	.	150	Coll. of Eng./Mechanical
06-04-01051	Hand Drill	220 Volt ,50 Hz, 1 Ph, 720 watt, Chuck capacity : 19 mm, Electronic speed control, Net weight 3 Kgs, Chuck Key and size hindle, HSS Drill Bit Sets in 1/ 2 mm, in metal case.	.	.	6	Coll. of Eng./Mechanical
06-04-01052	Impact Drill	220 Volt, 50 Hz, 1Ph,750 watt, Chuck Capacty :19 mm, Electronic Speed Control, Net Weight 3 Kgs, Masonry Drill Sets, tyngsten - carbide tipped, Drill Size : 6 -18 mm in 2 mm step.	.	.	6	Coll. of Eng./Mechanical

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-01053	Rotary Hammer , Hex Type	Strong aluminium die cast housing, Grease - Packet lubrication, Cut - off brushes, Overload prevention device, Durable, quick look - release tool retainer, Side handle , steel carrying case, detph stopper, Hex. Wrench key, 220 Volt , 50 Hz, 1Ph, 1200 watt, Drill bit 38 mm max, Drillbit made from tungsten carbide, Drill size : (16 mm - 38 mm *300 mm) 8 pieces.	.	.	1	Coll. of Eng./Mechanical
06-04-01054	OXY - Acetylene Welding Set	Shank and mixer, Welding nozzles , size 1,2,3,5,7,10,13,18, Hose check valves and spanner, Cutting attachment with nozzles, Plastic carrying case, Nozzle cleaner outfit, Single stage O2 regulator, Single stage C2H2 ergulator, Flash back arrestors for O2 + C2H2 gases, Gas welding flip up goggles 5 GW, Gas lighter oxygen and acetylene, 10 meters oxygen and acetylene hoses permanently jined together to prevent tangling.	.	.	1	Coll. of Eng./Mechanical
06-04-01055	Arc Welder	Transfomer type, 200 Volt , 1 Ph, 50 Hz, up to 200 A, Overload protection and fan cooled, Complate with electrode holder (1.5 - 4) mm, 6 m leads, earth clamp, chipping hammer, wire brush, and handheld welding shield with welding glasses, 10 E.W shanded glasses and 20 clear glasses as spare parts.	.	.	1	Coll. of Eng./Mechanical
06-04-01056	Arc Welder Electrodes	Type : AWS : E 6013, Deliverd in cartoon boxes , 5 Kgs / each, Electrode diameter 2.5 mm.	.	.	20	Coll. of Eng./Mechanical
06-04-01057	Arc Welder Electrodes	Type : AWS : E 6013, Deliverd in cartoon boxes , 5 Kgs / each, Electrode diameter 3.25 mm.	.	.	20	Coll. of Eng./Mechanical
06-04-01058	Arc Welder Electrodes	type :AWS :E 7018, Deliverd in cartoon boxes , 5 Kgs /each, Electrode diameter 2.5 mm.	.	.	20	Coll. of Eng./Mechanical
06-04-01059	Arc Welder Electrodes	type :AWS :E 7018, Deliverd in cartoon boxes , 5 Kgs /each, Electrode diameter 3.25 mm.	.	.	20	Coll. of Eng./Mechanical

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Nbr	Item description	Details	Catalogue reference	Unit	Quantity	Department
06-04-01060	Compact Threading Machine	Capacity : 1 / 8 - 2" pipe, 1/4 -2" Bolt, Motor 1/ 2 Hp, 220 V, 50 Hz, 1 Ph, Control : Reverse / off / forward, heavy duty, rotary - type plus integral foot switch, Chuck : hammer - type with replaceable, rocker - action jaw inserts, Oiling system : through the head with in integral oil reservoir , self priming constant flow, geroter pump, Complete with die head (1/8"-2") self opening, dies (1/2" - 2") BSPT Euro + 2 sets as spares, Pipe cutter (1/8" -2") full floating ,self centering with cutter wheel and 6 wheels as spares, Reamer (1/8" -2"), Oil : 10 liter thread cutting oil.	.	.	1	Coll. of Eng./Mechanical
06-04-01061	Ratchet Threader Set	Hand type, The die heads lock in to ratchet assembly and are removed by pulling out ratchet knob, 6 different sizes : 1/2", 3/4", 1 1/4", 1 1/2", 2" in a carrying case made of extrastrong , high density polyethylene.	.	.	2	Coll. of Eng./Mechanical