

admin@mnu.edu.mv : ٢٠١٥-١٦

تجربہ و ترقی و ترقی و ترقی

- فَمَنْ يَمْلِكُ أَنْ يَنْزِلَ عَلَيْهِ سُلَيْمَانُ وَأَتَتْهُ الْجِنُّ مِنْ كُلِّ فَجٍّ عَمِيقٍ

Laboratory Consumables (Bio, Chem & Science lab)

سہولتیں، خزانہ، کٹنگ، برائے، ڈسٹرکٹ، ڈسٹرکٹ

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Category 1

#	Item	Qty	Minimum requirement / specifications	Sample image	Other requirements
1	Deioniser Cartridge ELGA MC:DS	2	Replacement cartridge for Micromeg Water Deioniser MC:DS.		-
2	Deioniser Cartridge ELGA C114	7	Replacement cartridge for ELGA B114 Deioniser.		
3	Gloves Latex, S	20	Latex Examination Powder-Free Gloves, 100pcs/box		

4	Gloves Latex, M	20	Latex Examination Powder-Free Gloves, 100pcs/box		
5	Face mask	20	3-Ply Surgical Disposable mask Tie back pack of 50		
6	Paper towel	60	Z fold paper towel pack		
7	Membrane filters	100	Sterile Membrane Filters, 47-mm, 0.45-μm, gridded		
8	Petri dish	100	Petri dish with pad single use 47mm round polythene sterilized		

Laboratory Chemicals & Reagents (Bio, Chem & Science lab)

Category 2

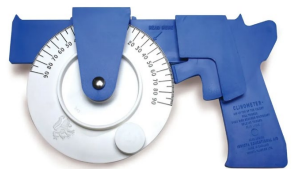
#	Item	Qty	Minimum requirement / specifications	Sample image	Other requirements
1	Zinc Sulphate	2	General / analytical reagent 250g		-
2	Hydrochloric Acid	4	General Laboratory Reagent, 2L 35 -37%		
3	Potassium Hydrogen carbonate	2	General Laboratory Reagent, 250g		
4	Oxalic Acid	1	Analytical Reagent, 100g		
5	Iron(II) Sulphate	2	General laboratory reagent, 250g		
6	Calibration Solution	2	Calibration solution for Aquaprobe meter AP-200 RC-600 RapidCal Solution 500mL		

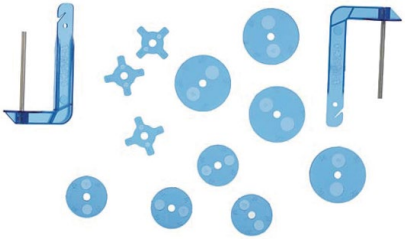
7	pH 7.01 Buffer Sachets	2	HI-70007P pH 7.01 Buffer Sachets, 25 x 20 mL sachets		
8	pH 4.01 Buffer Sachets	2	HI-70004P pH 4.01 Buffer Sachets, 25 x 20 mL sachets		
9	M-Endo Agar	1	M-Endo Agar powder, 250g		

Laboratory General Equipment & Glassware

Category 3

#	Item	Qty	Minimum requirement / specifications	Sample image	Other requirements
1	Field Measuring tape, 30m	5	Open Reel Fiberglass Tape Measure, 100 Foot Tape Measure by 1/2-Inch, Inch/Metric Scale for Engineer, Outdoor, Athletic Field, Impact Resistant ABS Shell (100FT/30M) Rugged ABS reel carry handle Shaft Rocker Design Double-Sided Scale Vinyl-coated fiberglass tape Sturdy Bright Yellow /orange Shell		
2	Pipette Filler	60	Bulb Type - Red/Black - 25ml Comprises a bulb and three pinch valves controlling influx and efflux of pipette contents.		
3	Measuring cylinder, 50mL	20	- Measuring cylinders 50mL - Class A /B - Blue / black graduations - Hexagonal / Round base - Borosilicate glass		

4	Measuring cylinder, 10mL	20	- Measuring cylinders 10mL - Class A /B - Blue / black graduations - Hexagonal / Round base Borosilicate glass		
5	Digital test waterproof thermometer	5	Digital test waterproof thermometer probe (to IP65) with max/min memory and hold function. Temp. Range: -40 to +200°C Divisions: 0.1°C Sample Rate: 1 reading per second Accuracy: 0 - 100C +/-1°C or higher IP Rating: IP 65 Standard Battery Life: Approx. 1500 hrs Battery: 1 x 393A cell battery Overall length: 205mm with case in position (approx.) Stainless steel piercing probe: 125mm (approx.)		
6	Handheld Non-contact Digital Infrared Thermometer	1	Accuracy: $\pm 1.5^{\circ}\text{C}$ Battery Type: 9V (6F22) Distance to Spot Size: 12:01 Infrared: Yes Laser Type: Class 2 LCD Screen: Yes Range: -32°C to $+400^{\circ}\text{C}$ (approx.)/ or wide range Resolution: 0.1 Response Time: 500ms		
7	Clinometer	3	A traditional lightweight angle-measuring instrument to calculate heights Wheel size: 13cm diameter		

8	Portable Digital Soil Test Kit	1	Enables the user to run a N, P, K, pH, EC, Moisture and Temperature test on a soil sample with high accuracy		
9	Mass and Hanger Set	1	ME-8979 PASCO's Mass and Hanger Set includes varying units of mass that attach to the 5.0 g mass hangers' steel posts. This set includes 4 hangers and 27 masses ranging from 0.5 g to 100 g. The masses are marked on each unit, and each hanger can hold up to 250 g.		
10	Mass and Hanger Spares Kit	1	ME-8980 The Mass and Hanger Spares Kit replaces or supplements the hangers and lighter masses found in the Mass and Hanger Set (ME-8979). The kit contains four hangers and 10 each of 2g, 1g, and 0.5g polycarbonate masses.		

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- $\frac{1}{x} = x^{-1}$
- $\frac{1}{x^2} = x^{-2}$
- $\frac{1}{x^3} = x^{-3}$
- $\frac{1}{x^4} = x^{-4}$

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100	$\frac{\text{مقدار ارسوزن در 100 گرم نمونه}}{\text{مقدار ارسوزن در 100 گرم نمونه استاندارد}} \times 100$	100
0	$\frac{\text{مقدار ارسوزن در 0 گرم نمونه}}{\text{مقدار ارسوزن در 0 گرم نمونه استاندارد}} \times 100$	0
0	$\frac{\text{مقدار ارسوزن در 0 گرم نمونه}}{\text{مقدار ارسوزن در 0 گرم نمونه استاندارد}} \times 100$	0