

Barasat Government College  
Department of Zoology



List of Instruments to be purchased (F.Y. 2022-23)

[ISO 9001 2008, 2015 etc. and equivalent standard certified companies will be considered only, return certificate & GST certificate should be produced during submission of quotations]

Sl. No.	Item Name	Specification
1.	Kjeldahl Nitrogen Analyzer, Distillation & Digestion Unit	Make : YOMA; Model : KDTDG-6S
2.	Western Blot	Make : BIORAD Model : TRANS-BLOT TURBO 120-240V CAT NO 1704150
3.	Ultra Pure Water Purification System	Make : SARTORIUS Model : ARIUM MINI PLUS [Type 3 and ASTM Type 1 Integrated System]
4.	Agarose Gel Electrophoretic apparatus with power pack	Make : BIORAD
5.	Vertical PAGE Gel apparatus with power pack	Make BIORAD
6.	Microtome [Operation: Fully Automatic]	Make : MEDIMEAS Model : MRM-AT
7.	Microscope Stereo Instavision	Make : DETECH Model : SM1  Eyepiece : Paired WF 10X, Sliding Objective : 2X & 4X Total magnification 20X & 40X Optional : Horse shoe legs
8.	Stereo Zoom Trinocular Microscope	INSTA SZE Make : Imported Model: INSTAVISION SZE Specifications Optical System: Greenough Zoom Ratio : 1:6.4 Magnification range: 7X to 45X contineous Working distance : 110 mm Eye piece : 10X paired with 20 mm Field of view Illumination : LED. 3.3Watts. Incident & Transmitted with light intensity control LED life: 25000 hrs
9.	Simple Dissecting Microscope	Equipped with joint revolving arm for moving the magnifying lens over the stage, with brass fitting round base & 2 Eye-piece 10x & 20x (Matte Black)
10.	LED Light	(Insta -LED )
11.	Field Binocular	Make : Olympus 8-16x40 Zoom Binocular)
12.	Contactless Automatic Hand Sanitizer Machine	Capacity : 1.5lt tank Make : DETECH
		Capacity : 5 lt. tank Make : DETECH

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Head

13.	Spray Gun for Sterilization	1200W, 260ml water bottle capacity Make : DETECH
14.	Infrared Thermometer	Make : DETECH
15.	Hands Free Soap Dispenser	Make : DETECH
16.	Sedgewick Rafter Plankton Counting chamber	Make : WKM & equivalent
17.	Mini high-speed centrifuge(10000-15000rpm)	Make REMI
18.	Micropipette	Make : BOROSIL / SUPERTEK
19.	Pulse Oximeter	Make : DR. MOREPEN & equivalent
20.	Accucheck glucometer with strip	Make : ROCHE DIABETES CARE INDIA, GERMANY
21.	Digital Sphygmomanometer	Make : DR. MOREPEN BP-02 & equivalent
22.	Laser range finder DM 40 - 100	Make : CHAND COMPANY Engineering & Industrial Tools & equivalent
23.	Aquaguard Water Purifier	With RO+UV+ Copper Maxx, Black Make : EUREKA FORBES
24.	Projector (Portable) with screen	Make : EPSON
25.	Desktop + UPS	Make: LENOVO / HP / DELL) Specification: All in one. Core i5 processor, 4GB RAM, Hard Disk- 1 TB, 500GB HDD, USB 3.0 port, 19" LCD Monitor, Mouse, Keyboard UPS: i) APC or Equivalent (650 VA, 15 to 20 Mints. Backup) ii) Branded (1-KVA, 2-hour backup) with Dry Battery (Min. 72 Amp.)
26.	Laptop	Make : HP Pavilion x360 (2021), 14 inch FHD Touchscreen, 11 <sup>th</sup> Gen Core i3, 8GB RAM, +256GB SSD, 2-in-1 Convertible, Windows 10, MS Office, Finger Print Reader(14-dw1036TU)
27.	Laser Jet Printer	Make : HP 1020 Plus Black & White laser printer uses toner cartridge
28.	Photocopier Machine	Make: CANON Model no. iR 2006 N; Copy speed 20ppm, Toner yield : approx 10,200 sheets, Drum yield : approx. 63,700 sheets, Duplex Unit, Max Paper Cassette 2x250 sheets, Network print, WiFi
29.	ITB External Hard Disk	Make : SEAGATE (1 Tb)
30.	Quick Heal Antivirus for Computer [10 Users]	
31.	Microphone with speaker	Bluetooth compatible speaker

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**Instruments to be Repaired / Servicing (F.Y. 2022-23)**

<b>Sl. No.</b>	<b>Item Name</b>	<b>Specification</b>
<b>1.</b>	<b>Stereo Zoom Microscope</b>	<b>Make : Olympus</b>
<b>2.</b>	<b>Stereo Zoom Microscope</b>	<b>Make : Zeiss</b>
<b>3.</b>	<b>Compound Microscope</b>	<b>Make : Olympus</b>
<b>4.</b>	<b>Incubator</b>	
<b>5.</b>	<b>Refrigerator</b>	<b>Make : Whilpool / Samsung/ Godrej</b>
<b>6.</b>	<b>Ultra Pure Water Purification System</b>	<b>Make : SARTORIUS Model : ARIUM MINI PLUS [Type 3 and ASTM Type 1 Integrated System]</b>

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