

DEPARTMENT OF ANTHROPOLOGY
Required for Biological & Prehistory laboratory

SL. NO.	ITEMS	SPECIFICATIONS	QUANTITY	RATE
1	Anthropometer Rod	Metal	06	
2	Weighing Machine	Digital	10	
3	Skin fold Caliper	Digital	10	
4	Sliding Caliper	Metal	10	
5	Spreading Caliper	Metal	10	
6	Digital Blood Pressure machine	Omron HEM-7270	06	
Prehistoric Tools				
7	Chopper	Cast	20 (Different type)	
8	Hand Axe	Cast	20 (Different type)	
9	Cleaver	Cast	20 (Different type)	
10	Scraper	Cast	20 (Different type)	
11	Blade	Cast	20 (Different type)	
12	Batons-De-Commandment	Cast	10 (Different type)	
13	Harpoons	Cast	20 (Different type)	
14	Arrow Head	Cast	20 (Different type)	
15	Venus Art	Cast	10 (Different type)	
SL. NO.	ITEMS	SPECIFICATIONS	QUANTITY	RATE
16	Microliths	Cast	20 (Different type)	
17	Painted Pebbles	Cast	20 (Different type)	
18	Celt	Cast	20 (Different type)	
19	Bone Needle	Cast	20 (Different type)	
20	Ringstone	Cast	20	

			(Different type)	
21	Caucasoid Man	Cast	4	
22	Mongoloid Man	Cast	4	
23	Nigroid Man	Cast	4	
Blood Groups, PTC taste & Colour blind test kits				
24	Anti serum-1	Reagents chemical	10	
25	Anti serum-2	Reagents chemical	10	
26	ABO blood group (A1, A2, B,O)	Reagent –Monoclonal	10	
27	Anti-D IgG+IgM	Blend Monoclonal	10	
28	MN Blood group Rh(D)	Reagents chemical	10	
29	Blotting paper	chemical	10	
30	Phenyl Thiocarbamide	chemical	500ml	
31	Deutan Clour blindness Glass	Test Glass	10	
32	Protan Clour blindness Glass	Test Glass	10	
SL. NO.	ITEMS	SPECIFICATIONS	QUANTITY	RATE
33	Bioelectric impedance analyzer (BIA)	Omron Handled Body Fat monitor HBF-306	05	
34	Haemoglobin Meter		05	
35	Treadmill test machine	TDM-100M (2.0HP)	01	
36	Bloodstain analyzer	Machine	01	
37	Semen analyzer	Machine	01	
38	Saliva analyzer	Machine	01	
39	Urine analyzer	Machine	01	
Computer/Electronic Gadgets				
40	Computer (H.P.) (For Dissertation purpose)	Processor - i-5 intel Ram- 4 GB Monitor- 18 inches	06	

41	Laptop (H.P.) (For PowerPoint Class)	Processor - i-5 intel Ram- 4 GB Windows 10	03	
42	Printer with Scanner	HP Inkjet 419	1	
43	Wall mount power projector with portable screen	BenQ	01	
44	Refrigerator (for preserve Blood group kits)	Whirlpool 190 ltr	1	
45	Digital Camera (Fieldwork purpose)	Nikon Coolpix	02	
46	Inverter With Battery	Exide Inva Tubular IT500	1	

GEOGRAPHY LABORATORY

SL NO.	PARTICULARS	QUANTITY	RATE
1.	Remote Sensing Software-ERDAS IMAGINE(3 User)	01	
2.	G.I.S Software-ARC G.I.S(3User)	01	
3.	Computer	08	
4.	Printer(High quality)	01	
5.	LCD Projector	02	
6.	Dumpy Level	02	
7.	Dumpy Level(Auto level)	02	
8.	Theodolite(Transit)	02	
9.	Soil Kit	02	
10.	G.P.S(High Quality)	02	
11.	Furniture(Computer Table & Stool)	08	

DEPRTMENT OF MATHEMATICS

LIST OF THE REQUIREMENTS FOR COMPUTER LABORATORY

1. Ten Desktop Computer setup with following configuration

Intel i5 7th generation processor, Gigabyte/Intel Motherboard,

DDR4- 4GB RAM, DVD RW, ATX cabinet, HP/Logitech Keyboard & Mouse

22" HD Monitor (HP/DEL/Samsung), Double battery UPS,

Original Windows 10.

2. Luminous/exide Inverter with Battery and Stabilizer power backup for five hour to 20 PC , 4 tube light and 4 ceiling fan.
 - **One** printer: HP Colour Laser Jet Pro MFP N180n Or
 - HP Laser Jet Pro MFP M427dw
3. **One** Power point projector with screen resolution: 1024*768.
4. Quick heal/K7 Anti-virus for 20PC.

IFF(Industrial Fish & Fisheries)

1. Beaker
2. Conical
3. Burette
4. Burette Stand
5. Pipette with stand
6. Measuring Cylinder
7. Biology box
8. Stopper bottle
9. Solution bottle
10. Preserved sample bottle
11. Test Tube with stand
12. Plankton net
13. Tissue homogenizers
14. Dissected tray
15. Freeze
16. PH Meter(Water & Soil)
17. PH paper
18. Salinity Meter
19. Compound Microscope
20. Electronic Microscope
21. Thermo Meter
22. Centrifugal Machine
23. Dropper bottle
24. Syringe
25. Aquarium
26. Hot pan over
27. wall watch
28. Kit of Ammonia

29. Balance
 30. Slide box & cover slip
 31. Petri dish

Physics department 2019

Sr. No	Name of Items	No. of Set	Approx Cost in Rs.
1	To determine g by Kater's pendulum	1	
2	To determine Young's Modulus of a wire by Optical Lever method.	1	
3	To determine coupling coefficient of a piezoelectric crystal	1	
4	To determine dielectric constant of a materials with frequency	1	
5	To determine complex dielectric constant and plasma frequency of metal using surface Plasmon resonance (SPR)	1	
6	Millikan oil drop Apparatus to determine electronic charge.	1	
7	Thermal conductivity of Cu by Searle method	1	
8	To determine wavelength of a Laser source using diffraction at single, double slit	1	
9	Solar energy Kit	1	
10	Tunnel diode kit	1	
11	To measure the resistivity of a semiconductor (Ge) with temperature by four-probe method (room temperature to 150 °C) and to determine its band gap.	1	
12	CRO and function generator	1 set	
13	Hydraulic controller palletiser		
14	Mortar pestle	1	
15	PID controller furnace up to 1000 degree	1	
	Computer	No. of Set	Estimated Cost in Rs.
	Mother Board Gigabyte (9 th gen), Processor core i5 (9 th) Gen RAM-8 GB, HDD-1TB, DVD writer Cabinet & SMPS Mouse & Key Board, UPS	2	
	UPS	1	
	Printer cum scanner	1	

Department of Zoology

Laboratory Equipments Requisition List

Sl. No	Name of Instruments	Company	Model	Rate(Approx)
1.	Binocular Microscope X 2	Olympus	CH20i	
2.	Trinocular Microscope X 1	Phenix	PH50-3B43L-A	
3.	Digital Analytical Balance X 1	US Solid	1500908945492	
4.	Dissection Tray X 50	Yashika Solutions	20847945648	
5.	BOD Incubator 95 lit.	Indiamart	BOD01	
6.	Digital colorimeter with cuvettes	Khushboo Scientific	NH300	
7.	Water Distillation Purifier	Mophorn 4L Countertop Stainless Water Distillation Purifier		
8.	pH Meter	Labline		
9.	Burette Stand clamp with glass borosilicate burette 50 ml X 50pcs	Labotach		
10.	Homogenizer	Hennly	HSM-100LX	
11.	Gel Electrophoresis Apparatus	GeNei	Catalog No.: 106853GB	

Department of Chemistry

List of Instruments

1. Ion-Exchange Chromatography – 1no

(Specifications: These units consist of two PVC cylinders filled with cation and anion exchange resins.

- The Cylinders are firmly mounted on M. S. tubular framework supported on M. S. angle frames.

- These cylinders are connected in series by means of flexible tubes and hard rubber multi valve block having four rubber diaphragm valves.
- In normal operation, raw water passed through caution exchanger in same direction through valve block and anion exchanger in same direction.
- The treated water passed through conductivity cell calibrated indicates the quality of treated water on conductivity meter.

2. **UV-VIS Spectrophotometer [Shimadzu] 1 no** (Band Width: 1 nm

Brand: LABTRONICS

Model: LT-291

Application: Water Industries, Laboratory Use, Industrial Use

Wavelength Setting: Automatic

Wavelength Repeatability: +0.1nm OR Others

3. Rotary Evaporator - 1 no.
4. IR Absorption Spectra- 1 no.
5. Ultrasonic Bath 1 no
6. Desktop Computer with 4 GB ram, 1 TB hard disk, Core i7 Processor. 16' LED Monitor. 1no
7. Gaussian 10 Software 1 no
8. Paper Chromatography 1no
9. Column Chromatography 1no
10. One Computer Table

All Dept & Office

A3 Colour copier with duplex

1 unit

For Furniture

1. Bench 100 pairs (wood)
2. Table (Wood)
3. Computer table
4. Chair (Wood)
5. Almirah (Steel)
6. Rack (Steel)
7. Student Chair