

Department of Physiology Govt. Gen. Degree College, Kharagpur-II
2018-19

Sl. NO	DESCRIPTION	MAKE	UNIT	RATE
1.	Sodium Chloride	Merck	500gmX1No	140.00
2.	Sodium Hydroxide	Merck	500gmX1No	238.00
3.	Sodium Acetate	Merck	500gmX1No	183.00
4.	Sodium Hypobromite Solution	Nice	500mlX1No	167.00
5.	Sodium Tungstate	Merck	250gmX1No	1734.00
6.	Sodium Nitroprusside	Merck	100gmX1No	476.00
7.	Sodium Nitrite	Merck	500gmX1No	318.00
8.	Sodium Hypochlorite	Merck	1litX1No	265.00
9.	Sodium Carbonate	Merck	500gmX1No	217.00
10.	Sodium Citrate	Merck	500gmX1No	137.00
11.	Ammonium Chloride	Merck	500gmX1No	244.00
12.	Ammonium Hydroxide Solution/Ammonium solution	Merck	500mlX1 No	149.00
	Ammonia Solution	Merck	500mlX1No	149.00
13.	Ammonia (Conc)	Merck	500mlX1No	149.00
14.	Ammonium Sulphide	Loba	500mlX1No	234.00
15.	Ammonium Molybdate	Loba	100gmX1No	780.00
16.	Ammonium Sulphate	Merck	500gmX1No	149.00
17.	Ammonium Phosphate	Merck	500gmX1No	360.00
	Ammonium Dihydrogen Phosphate	Merck	500gmX1No	387.00
18.	Hydrogen Sulphide			Gas
19.	Urea	Merck	500gmX1No	333.00
20.	Uric Acid	Loba	25gmX1No	1716.00
21.	Creatinine.	Span	1 Kit	752.00
22.	Acetic acid	Merck	500mlX1No	224.00
23.	Acetone	Merck	500gmX1No	272.00
	Ethyl Acetoacetate	Merck	500mlX1No	725.00
	Methyl Acetoacetate	Loba	500mlX1No	331.00
24.	Trichloro Acitic Acid	Merck	100gmX1No	132.00
25.	Boric Acid	Merck	500gmX1No	367.00
26.	Picric Acid	Merck	500mlX1No	124.00
27.	Ortho Phosphoric Acid	Merck	500mlX1No	482.00
28.	5-Sulphosalicylic Acid	Loba	250mlX1No	405.00
29.	Bromine	Merck	100mlX1No	972.00
30.	Hydrogen peroxide.	Merck	500mlX1No	292.00
31.	Sulphur Powder	Loba	500gmX1No	171.00
32.	Potassium Chloride	Merck	500gmX1No	162.00
33.	Potassium Hydroxide	Merck	500gmX1No	340.00
34.	Potassium Nitrate	Merck	500gmX1No	340.00
35.	Potassium Nitrite	Merck	500gmX1No	340.00
36.	Potassium Iodide	Merck	250gmX1No	2720.00
37.	Potassium Hydrogen Pthalate	Merck	500gmX1No	448.00
38.	Potassium Phosphate	Loba	500gmX1No	1248.00
39.	Potassium Bisulphate	Loba	500gmX1No	273.00

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40.	Potassium Thiocyanate	Merck	500gmX1No	707.00
41.	1-Naphthol	Merck	100gmX1No	333.00
	2-Naphthol	Merck	250gmX1No	394.00
42.	Thymol Indicator Solution	Nice	125mlX1No	77.00
43.	Iodine	Merck	100gmX1No	1836.00
44.	Benedict's Reagent (Quntitative)	Loba	500mlX1No	238.00
45.	Benedict's Reagent (Qualitative)	Merck	500mlX1No	170.00
46.	Selenewanoff's Reagent	Loba	125mlX1No	156.00
47.	Millon's Reagent	Loba	125mlX1No	858.00
48.	Barfoed Regent	Loba	250mlX1No	374.00
49.	Fahling's Solution A	Merck	500mlX1No	259.00
50.	Fahling's Solution A	Merck	500mlX1No	407.00
51.	Esabach's Reagent	Loba	125mlX1No	101.00
52.	Ninhydrin	Loba	10gmX1No	510.00
53.	Formaldehyde	Merck	500mlX1No	183.00
54.	Fouchet's Reagent	Loba	125mlX1No	76.00
55.	Folin Ciocalteu's Phenol Reagent	Merck	100mlX1No	362.00
56.	Nessler's Reagent	Loba	100mlX1No	187.00
57.	2,6 Dichloroquinmone 4- Chlorimide	Loba	5gmX1No	1092.00
58.	Methyl Red	Merck	25gmX1No	210.00
59.	Methyl Violet	Loba	25gmX1No	132.00
60.	Phenol Red	Loba	5gmX1No	124.00
61.	Rohake Salt/Sodium potassium tartarate	Merck	500mlX1No	802.00
62.	Phenolphthalin	Merck	125mlX1No	108.00
	Phenolphthalin	Merck	50gmX1No	258.00
63.	Lead Acetate	Merck	500gmX1No	340.00
64.	Lead Oxide	Merck	500gmX1No	725.00
65.	Ferric Chloride	Loba	500gmX1No	231.00
66.	Silver Nitrate	Merck	25gmX1No	4188.00
	Silver Nitrate	Merck	500mlX1No	503.00
67.	Silver Chloride	Merck	25gmX1No	4675.00
68.	Vanillin	Merck	25gmX1No	346.00
69.	Resorcinol	Merck	100gmX1No	632.00
70.	Magnesium Metal	Nice	25gmX1No	153.00
71.	Phloroglucinol	Merck	25gmX1No	2801.00
72.	Tetrabromophenol Blue	Sigma	1gmX1No	1577.00
73.	Thymol Blue	Loba	5gmX1No	156.00
	Thymol Blue	Loba	125mlX1No	101.00
74.	Dimethyleminobenzene	Merck	100gmX1No	7616.00
75.	Tropeolin	Loba	25gmX1No	140.00
76.	Citric Acid	Merck	500gmX1No	312.00
77.	Calcium Chloride	Merck	500gmX1No	217.00
78.	Calcium Oxalate	NICE	250gmX1No	309.00
79.	Copper Sulfate	Merck	500gmX1No	503.00

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80.	Copper Acetate	Merck	500gmX1No	1047.00
81.	Sucrose	Merck	500gmX1No	296.00
82.	Glucose	Merck	500gmX1No	265.00
83.	Starch	Merck	500gmX1No	1026.00
84.	Gelatin	Loba	500gmX1No	935.00
85.	Cholesterol	Loba	25gmX1No	1716.00
86.	Bile Salt	Loba	100gmX1No	722.00
87.	Oxalic Acid	Merck	500gmX1No	251.00
88.	Sulphuric Acid	Merck	500gmX1No	278.00
89.	Nitric Acid	Merck	500gmX1No	224.00
90.	Orthophosphoric Acid	Merck	500gmX1No	428.00
91.	Hydrochloric Acid	Merck	500mlX1No	190.00
92.	n-Amyl Alcohol	Loba	500mlX1No	1170.00
93.	Formaldehyde	Merck	500mlX1No	183.00
94.	Chloroform	Merck	500mlX1No	258.00
95.	Bovine Albumin	Loba	5gmX1No	780.00
96.	Lactose	Loba	500gmX1No	390.00
97.	Peptone	Loba	500gmX1No	1045.00
98.	Phenol	Merck	500gmX1No	462.00
99.	Lactic Acid	Merck	500mlX1No	659.00
100.	Folin Ceocalton Regent(Phenol Reagent)	SRL	100mlX1No	307.00
101.	Benzidine	Loba	100mlX1No	351.00
102.	Pyridine	Merck	500mlX1No	720.00
Glassware				
1.	Beaker – 100ml.	Borosil®	1 No	57.00
2.	Beaker – 250ml.	Borosil®	1 No	60.00
3.	Beaker – 500ml.	Borosil®	1 No	100.00
4.	Beaker – 1000ml.	Borosil®	1 No	204.00
5.	Conical flask – 100ml.	Borosil®	1 No	64.00
6.	Conical flask – 250ml.	Borosil®	1 No	102.00
7.	Conical flask – 500ml.	Borosil®	1 No	144.00
8.	Conical flask – 1000ml.	Borosil®	1 No	251.00
9.	Burette – 25ml.	Borosil®	1 No	447.00
10.	Volumetric flask – 100ml.	Borosil®	1 No	220.00
11.	Volumetric flask – 250ml.	Borosil®	1 No	260.00
12.	Volumetric flask – 500ml.	Borosil®	1 No	350.00
13.	Volumetric flask – 1000ml.	Borosil®	1 No	526.00
14.	Measuring cylinder – 05ml.	Borosil®	1 No	190.00
15.	Pipette – 1ml.	Borosil®	1 No	105.00
16.	Pipette – 2ml.	Borosil®	1 No	116.00
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17.	Pipette – 5ml.	Borosil®	1 No	125.00
18.	Pipette – 10ml.	Borosil®	1 No	135.00
19.	Pipette – 25ml.	Borosil®	1 No	213.00
20.	Funnel – 25mm	Borosil®	1 No	60.00

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21.	Funnel – 50mm	Borosil®	1 No	90.00
22.	Funnel – 75mm.	Borosil®	1 No	105.00
23.	Funnel – 100mm.	Borosil®	1 No	141.00

Sl. No.	Items
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LIST OF INSTRUMENTS				
1.	Kymograph set Kymograph machine with Dubois induction coil Myograph board, Myograph liver with all accessories	INCO	1 Set	27,500.00
2.	Centrifuge. Digital Centrifuge Model-R8C+R83-8X15ml angle head Leaflet enclosed.	REMI	1 No	25,000.00
3.	Digital pH Meter with auto temperature compensation, Gel filled Epoxy body combination pH electrode & RTD probe, 3,1/2 digit LED display; Digital pH Meter with electrode, Model 335 – Leaflet enclosed	Systronics	1 No	11,700.00
4.	Digital colorimeter Model---112 Leaflet enclosed	Systronics	1 No	13,800.00
5.	Digital Serological water bath 2 rack	E I	1 set	16,500.00
6.	Medical Microscope – Model-HB-Leaflet enclosed	Magnus	1 No	17,000.00
7.	Medical Microscope.	Bristol	1 No	9,000.00
8.	Medical Microscope – Model-BM-6mo LED microscope Leaflet enclosed	ALMICRO ISO-9001 company	1 No	15,500.00

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1	LCD projector
2	LCD projector screen, 8ft x 6ft
3	Trinocular microscope with camera
4	Laboratory centrifuge, 8x15ml capacity
5	Laboratory centrifuge, for 1.5 & 2ml tubes
6	-20°C freezer
7	Rotary microtome for histology practical
8	Kymograph with accessories for Experimental Physiology (myograph board & lever, perfusion set up, tuning fork, etc.)
9	Autoclave
10	Incubator for maintaining ambient to 110°C
11	Tissue floatation bath
12	Dale's apparatus
13	UV-VIS Spectrophotometer (Biorad)
14	Double distillation plant
15	All chemicals and glasswares required for biochemistry, histology and microbiology practical of Physiology as mentioned in Vidyasagar University's 3 years Honours in Physiology curriculum