



LIST OF REAGENTS

SL NO	NAME OF REAGENTS	UNIT	MODULES
1.	Acetic Acid	5×500 ml+400ml	➤ Molecular Biology Lab; ZOOA-CC-1-2-P ➤ Cell Biology Lab; ZOOA-CC-2-4-P
2.	Alanine	1x25gm	➤ Molecular Biology ZOOA, PAPER 7 ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P
3.	Albumin Egg Powder	100 gm	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P
4.	Ammonia Solution	150ml	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P
5.	Ammonium Sulphate	500gm	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ PHYSIOLOGY AND BIOCHEMISTRY Lab; ZOOG-CC3-3-P

6.	Ammonium hydroxide	2×500ml	➤ Animal Physiology and Biochemistry ZOOA PAPER 4, UNIT II
7.	Barfoed's Reagent	2×125 ml	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ PHYSIOLOGY AND BIOCHEMISTRY Lab; ZOOG-CC3-3-P
8.	Benedict's Reagent	1×500 ml+200ml	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ PHYSIOLOGY AND BIOCHEMISTRY Lab; ZOOG-CC3-3-P
9.	Blood Grouping Kit	1x box	➤ Animal Physiology: Life Sustaining Systems Lab; ZOOA-CC4-9-P
10.	Bouins solution fluid	1×500 ml+250ml	➤ Animal Diversity, ZOOG-CC1-1-P
11.	Bovine albumin CDH	1×5gm	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P
12.	Bovine albumin SRL	3×10gm	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P
13.	Butyl Alcohol	1x500gm+300ml	➤ Stock
14.	Calcium Chloride Dihydrate	1×500 gm	➤ Stock
15.	Chloroform	4×500 ml	➤ Molecular Biology

			Lab; ZOOA-CC-1-2-P
16.	Copper sulfate	2×500gm	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P
17.	Crystal violet	1×25 gm	➤ Parasitology & Microbiology ,PAPER 7
18.	Crystal violet solution	1×500 ml	➤ Parasitology & Microbiology ,PAPER 7
19.	DPX	4×250ml+50ml	➤ Non-Chordates I Lab; ZOOA-CC-1-1-P ➤ Animal Physiology: Controlling & Coordinating Systems, Lab;ZOOA-CC3-6-P ➤ Parasitology & Microbiology PAPER 7
20.	Dextrose anhydrous(Glucose)	1x500gm	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P
21.	Eosin methylene Blue	4x250ml+100ml	➤ PAPER 7 Parasitology & Microbiology
22.	Eosin powder	5×25gm	➤ Non-Chordates I Lab; ZOOA-CC-1-1-P Cell Biology Lab; ZOOA-CC-2-4-P ➤ Animal Physiology: Controlling & Coordinating Systems,

			<p>Lab;ZOOA-CC3-6-P</p> <p>➤ Parasitology & Microbiology PAPER 7</p>
23.	Eosin solution	1×125ml, 2×500 ml	<p>➤ Non-Chordates I Lab; ZOOA-CC-1-1-P</p> <p>➤ Cell Biology Lab; ZOOA-CC-2-4-P</p> <p>➤ Animal Physiology: Controlling & Coordinating Systems, Lab;ZOOA-CC3-6-P</p> <p>➤ Parasitology & Microbiology PAPER 7</p>
24.	Eosin staining solution	200ml	<p>➤ Non-Chordates I Lab; ZOOA-CC-1-1-P</p> <p>➤ Animal Physiology: Controlling & Coordinating Systems, Lab;ZOOA-CC3-6-P</p> <p>➤ Parasitology & Microbiology PAPER 7</p>
25.	Esbach's reagent	100 ml	<p>➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P</p>
26.	Ethyl Alcohol	11×500 ml	<p>➤ Cell Biology Lab; ZOOA-CC-2-4-P</p> <p>➤ Animal Physiology: Controlling & Coordinating Systems,</p>

			Lab;ZOOA-CC3-6-P
27.	Folin reagent	1×100ml+50ml	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P
28.	Formalin (Formaldehyde solution)	5 ltr	<ul style="list-style-type: none"> ➤ Non-Chordates I Lab; ZOOA-CC-1-1-P ➤ Non-Chordates II Lab, ZOOA-CC-2-3-P ➤ Chordata Lab; ZOOA-CC-3-5-P ➤ Animal Diversity, ZOOG-CC1-1-P ➤ Applied Zoology. ZOOG-DSE-A-5-1-P ➤ Non-chordates, Chordates,PAPER 4, UNIT II ➤ Animal forms & comparative anatomy PAPER 2, UNIT II ➤ Paper III(Course No. ZG 07)
29.	Fructose	1×500 gm+1x250gm	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
30.	Gelatin powder	1x500gm+400gm	<ul style="list-style-type: none"> ➤ Fundamentals of

			<p>Biochemistry Lab; ZOOA-CC-7-3-P</p> <ul style="list-style-type: none"> ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
31.	Glycerol	3x500ml	<ul style="list-style-type: none"> ➤ Chordata Lab; ZOOA-CC-3-5-P ➤ Molecular Biology Lab; ZOOA-CC-1-2-P
32.	Glycine (Aminoacetic acid)	1x100gm	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II ➤ Animal Physiology: Controlling & Coordinating Systems, Lab;ZOOA-CC3-6-P
33.	Gram Iodine solution	3×125ml	<ul style="list-style-type: none"> ➤ Parasitology & Microbiology ,PAPER 7
34.	Gram Saffranine solution	3×125ml	<ul style="list-style-type: none"> ➤ Parasitology & Microbiology ,PAPER 7
35.	Gram's Iodine	25ml	<ul style="list-style-type: none"> ➤ Parasitology & Microbiology ,PAPER 7
36.	Gram's safranine solution	100ml	<ul style="list-style-type: none"> ➤ Parasitology & Microbiology ,PAPER 7
37.	Hematoxylin solution	6×125 ml	<ul style="list-style-type: none"> ➤ Non-Chordates I Lab; ZOOA-CC-1-1-P ➤ Parasitology &

			Microbiology PAPER 7
38.	Hematoxylin Stain solution	50ml	<ul style="list-style-type: none"> ➤ Non-Chordates I Lab; ZOOA-CC-1-1-P ➤ Cell Biology Lab; ZOOA-CC-2-4-P ➤ Animal Physiology: Controlling & Coordinating Systems, Lab; ZOOA-CC3-6-P ➤ Parasitology & Microbiology PAPER 7
39.	Hydrochloric acid	1×500ml	<ul style="list-style-type: none"> ➤ Molecular Biology Lab; ZOOA-CC-1-2-P ➤ Cell Biology Lab; ZOOA-CC-2-4-P
40.	Iodine Solution	2×125 ml+75ml	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II ➤ PHYSIOLOGY AND BIOCHEMISTRY Lab; ZOOG-CC3-3-P
41.	Lactic acid	1×500ml	<ul style="list-style-type: none"> ➤ Cell Biology Lab; ZOOA-CC-2-4-P
42.	Lead Acetate	1×500 gm	<ul style="list-style-type: none"> ➤ Stock
43.	Leishman stain	4×250ml,	<ul style="list-style-type: none"> ➤ Paper III. (Course

	solution	2×500ml	No. ZG 07) ➤ Animal Physiology: Life Sustaining Systems Lab; ZOOA-CC4-9-P
44.	Methyl green solution	50ml	➤ Molecular Biology Lab; ZOOA-CC-1-2-P
45.	Litmus Paper blue	1 Pkt	➤ Fundamentals of Biochemistry Lab; ZOOA- CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
46.	Maltose	2×250 gm	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ PHYSIOLOGY AND BIOCHEMISTRY Lab; ZOOG-CC3-3- P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
47.	Manganese sulfate	1×500gm	➤ Ecology Lab, ZOOA-CC5-11-P ➤ Ecology& Wild life Biology;ZOOG- DSE-B-6-2-P
48.	Mayer's Albumin	1×500 ml	➤ Fundamentals of Biochemistry Lab; ZOOA- CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER

			4, UNIT II
49.	Methionine	1x25gm	<ul style="list-style-type: none"> ➤ ZOOA PAPER 7 ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P
50.	Methylated Sprit	1x400ml	<ul style="list-style-type: none"> ➤ Animal Physiology and Biochemistry, PAPER 4, UNIT II ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P
51.	Methylene blue	4×125 ml	<ul style="list-style-type: none"> ➤ Non-Chordates I Lab; ZOOA-CC-1-1-P ➤ Parasitology & Microbiology PAPER 7
52.	Methyl orange	1x125gm	<ul style="list-style-type: none"> ➤ Ecology Lab, ZOOA-CC5-11-P
53.	Millon's Reagent	1×125 ml+75ml	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
54.	Molisch's Reagent	500ml	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-

			CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
55.	Nessler's reagent	1×100ml+100ml	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
56.	Ninhydrin solution	100ml	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
57.	Nitric acid	2×500ml	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
58.	Orcein powder	2×5gm	➤ Cell Biology Lab; ZOOA-CC-2-4-P
59.	Oxalic acid	1×500gm	➤ Animal Physiology and Biochemistry, Ecological methods,PAPER 4,

			UNIT II. ➤ Ecology& Wild life Biology;ZOOG- DSE-B-6-2-P
60.	Peptone powder	2x500gm	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
61.	Perchloric acid	2x500ml	➤ Stock
62.	Phenolphthalein indicator solution	1×125ml+125ml	➤ Ecology Lab, ZOOA-CC5-11-P ➤ Ecology& Wild life Biology;ZOOG- DSE-B-6-2-P
63.	Phenyl Hydrazine Hydrochloride	1×100 ml	➤ Stock
64.	Phosphoric acid	1×500ml	➤ Animal Physiology and Biochemistry, PAPER 4, UNIT II
65.	Phosphotungstic Acid	1×25 gm	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry, PAPER 4, UNIT II

66.	Phosphotungstic acid	1×25gm+15ml	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry, PAPER 4, UNIT II
67.	Picric acid	1×500gm	<ul style="list-style-type: none"> ➤ Non-Chordates II Lab, ZOOA-CC-2-3-P ➤ Animal forms & comparative anatomy: PAPER 2, UNIT II ➤ Paper III(Course No. ZG 07)
68.	Potassium chloride	1x500gm	<ul style="list-style-type: none"> ➤ Molecular Biology Lab; ZOOA-CC-1-2-P ➤ Cell Biology Lab; ZOOA-CC-2-4-P
69.	Potassium dihydrogen phosphate	1x500gm	<ul style="list-style-type: none"> ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II ➤ Cytological methods & Genetics,PAPER 2, UNIT II
70.	Potassium disulfite	1x500gm	<ul style="list-style-type: none"> ➤ Stock
71.	Potassium hydroxide	2×500gm	<ul style="list-style-type: none"> ➤ Instrumentation

			ZOOA PAPER 8
72.	Potassium Hydroxide solution	1x500ml	<ul style="list-style-type: none"> ➤ Ecology Lab, ZOOA-CC5-11-P ➤ Ecology& Wild life Biology;ZOOG-DSE-B-6-2-P
73.	Potassium iodide	3×100gm	<ul style="list-style-type: none"> ➤ Ecology Lab, ZOOA-CC5-11-P ➤ Ecology& Wild life Biology;ZOOG-DSE-B-6-2-P
74.	Potassium permagnate	1x500gm	<ul style="list-style-type: none"> ➤ Stock
75.	Potassium sodiumTartarate	1x500gm	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
76.	Proline	1x25gm	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Molecular Biology,PAPER 7
77.	Pyronine Y	1gm	<ul style="list-style-type: none"> ➤ Molecular Biology Lab; ZOOA-CC-1-2-P

78.	Rectified spirit	200ml	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ PHYSIOLOGY AND BIOCHEMISTRY Lab; ZOOG-CC3-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
79.	Schaudin's fluid	1×100 ml	<ul style="list-style-type: none"> ➤ Non-Chordates I Lab; ZOOA-CC-1-1-P ➤ Parasitology & Microbiology PAPER 7
80.	Schiff's Reagent	400ml	<ul style="list-style-type: none"> ➤ Cell Biology Lab; ZOOA-CC-2-4-P
81.	Seliwanoff's Reagent	3×125 ml	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ PHYSIOLOGY AND BIOCHEMISTRY Lab; ZOOG-CC3-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
82.	Silver nitrate	1×100ml	<ul style="list-style-type: none"> ➤ Fundamentals of

	solution		Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II ➤ Ecology Lab, ZOOA-CC5-11-P ➤ Ecology& Wild life Biology;ZOOG- DSE-B-6-2-P
83.	Silver Nitrate solution	1x125ml+90ml	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II ➤ Ecology Lab, ZOOA-CC5-11-P ➤ Ecology& Wild life Biology;ZOOG- DSE-B-6-2-P
84.	Sodium Acetate Anhydrous	1×500 gm	➤ Molecular Biology Lab; ZOOA-CC-1-2-P
85.	Sodium carbonate	2×500gm+400gm	➤ Fundamentals of Biochemistry Lab; ZOOA- CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
86.	Sodium chloride	5×500 gm	➤ Molecular Biology Lab; ZOOA-CC-1-2-

			P ➤ Cell Biology Lab; ZOOA-CC-2-4-P
87.	Sodium citrate tribasic Dihydrate	1x500gm	➤ Stock
88.	Sodium (Di)Hydrogen Phosphate	1x500gm	➤ Animal Physiology and Biochemistry, PAPER 4, UNIT II
89.	Sodium hydroxide	4×500gm+450gm	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II ➤ Ecology Lab, ZOOA-CC5-11-P ➤ Ecology& Wild life Biology;ZOOG-DSE-B-6-2-P
90.	Sodium Hypobromite Solution	1×500 ml	➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
91.	Sodium thiosulphate	2x500gm	➤ Ecology Lab, ZOOA-CC5-11-P ➤ Ecology& Wild life Biology;ZOOG-DSE-B-6-2-P

92.	Sodium thiosulphate solution	3×500ml	<ul style="list-style-type: none"> ➤ Ecology Lab, ZOOA-CC5-11-P ➤ Ecology& Wild life Biology;ZOOG-DSE-B-6-2-P
93.	Starch	1×500gm	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
94.	Starch solution	1×500 ml	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II ➤ Ecology Lab, ZOOA-CC5-11-P ➤ Ecology& Wild life Biology;ZOOG-DSE-B-6-2-P
95.	Sucrose	1×500 gm	<ul style="list-style-type: none"> ➤ Molecular Biology Lab; ZOOA-CC-1-2-P
96.	Sulfuric acid	2×500ml+250gm	<ul style="list-style-type: none"> ➤ Fundamentals of Biochemistry Lab; ZOOA-CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II ➤ PHYSIOLOGY AND

			BIOCHEMISTRY Lab; ZOOG-CC3-3- P
97.	Trypan Blue	1x25gm	➤ Cell Biology Lab; ZOOA-CC-2-4-P
98.	Urea cryst pure	200gm	➤ Fundamentals of Biochemistry Lab; ZOOA- CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
99.	Uric acid AR	10gm	➤ Fundamentals of Biochemistry Lab; ZOOA- CC-7-3-P ➤ Animal Physiology and Biochemistry PAPER 4, UNIT II
100	Xylene	7×500ml+100ml	➤ Molecular Biology Lab; ZOOA-CC-1-2- P ➤ Cell Biology Lab; ZOOA-CC-2-4-P