

INDEX

DEPARTMENTS	PAGE NO.
CHEMISTRY	2
BOTANY	3
COMPUTER SC.	4
GEOGRAPHY	5
ZOOLOGY	6
MICROBIOLOGY	7-8

DEPARTMENT OF CHEMISTRY
DHRUBA CHAND HALDER COLLEGE

Sl. No.	Name of the reagent	Brand	Amount	Quantity required
1	Ferric Alum	Merck	500g	1
2	Concentrated HCl	Merck	2.5L	4
3	Lithium hydroxide	Merck	500g	1
4	Ammonium peroxodisulphate	Loba	500g	1
5	Carbon tetrachloride	Merck	500ml	1
6	Nickel chloride	Merck	500g	1
7	S-benzylthiuronium Chloride (SBT)	Loba	100g	2
8	Iodine	Merck	100 g	1
9	Acetone	Merck	500ml	2
10	Acetic acid	Merck	2.5 L	1
11	Potassium dichromate	Merck	500g	1
12	Potassium permanganate	Merck	500 g	1
13	Sodium hydroxide	Merck	500g	1
14	Sodium potassium tartarate	Merck	500g	2
15	1-butanol	Merck	500g	1
16	D-Fructose	Merck	500g	1
17	Hexane	Merck	500ml	1
18	Furan	Merck	100ml	1
19	Ferric chloride	Merck	500g	1
20	Ferrous sulphate	Merck	500g	1
21	Bleaching powder	Merck	500 g	1
22	Fehling-A	Merck	500 ml	2
23	Fehling-B	Merck	500 ml	2
24	Monel (semi dust)	Local	1 k g	1
25	Methyl acetate	Merck	500 ml	1

Sl. No.	Glassware	Brand	Amount	Quantity required
1	Beaker	Borosilicate	1000 ml	3
2	Beaker	Borosilicate	500 ml	6
3	Chromatography paper whatman strip	Whatman		100 pcs
4	Bulb pipette	Borosilicate	10 ml	1 doz.
5	Dropper with tit	6"		1 doz.
	Dropper with tit	8"		1 doz.
6	Filtering Flask (Buchner Filtering Flask)	Borosilicate	500 ml	4
7.	Spatula	Stainless steel	1 doz.	1 doz.

DEPARTMENT OF BOTANY
DHRUBA CHAND HALDER COLLEGE

Sl. No.	Name of the reagent	Brand	Amount	Quantity required
1	Sodium Fluoride	Merck	5gm	1
2	Sodium bicarbonate	SRL	500 gm	1
3	Seliwanoff reagent	SRL	100 ml	1
4	Dextrose	SRL	500 gm	1
5	Calcium carbonate	Merck	500 gm	1
6	Methanol		500ml	1
7	MS Media	TM Media	500 gm	1

Sl. No.	Glassware/Plasticware /Instrument	Brand	Quantity required
1	Z funnel	6pcs	1
2	Paper chromatography Chamber	16x12x10''	1
3	Micropipette tips	20-200 µl	1
	Micropipette tips	200-1000 µl	1
4	Sucker	10 ml	1
	Sucker	20 ml	1
5	Round clamp	4 cm diameter	2
	Filter paper	Whatman	1
6	Digital Visible Spectrophotometer	Make AI, Model no- Ox-03	1

DEPARTMENT OF COMPUTER SCIENCE

DHRUBA CHAND HALDER COLLEGE

Sl. No.	Equipments /Instrument	Quantity required
1	5 volt Power supply	5 pcs
2	Brede board	5 pcs
3	IC Chip- 7400,7402,7404,7408,7432,744 6,7447,7473,7474,7446,7483,7 486,7489,74138/74139,74151/7 4153	Each of 5 pcs
	Wire (blue ,black)	Each of 2 coil
4	LED	100 pcs
	Seven segment Display	5 pc
5	Multi-meter	2 pcs
	Resistor (1k)	2 pack
6	Wire Cutter	5 pcs

DEPARTMENT OF GEOGRAPHY
DHRUBA CHAND HALDER COLLEGE

Sl. No.	Equipments /Instrument	Brand	Quantity required
1	Bruntuon Compass	OPTICA	2
2	Distometer	FREEMANS	2

DEPARTMENT OF ZOOLOGY
DHRUBA CHAND HALDER COLLEGE

INSTRUMENTS:

SL. NO.	NAME OF THE ITEM	QUALITY	QUANTITY
1	Micropipette 100- 1000ul	Tarson	1pc
2	Dry bath (Model - LBH010) holder with Block (BLAALBHOMW1604W004)	Borosil	1pc

CHEMICALS:

SL. NO.	NAME OF THE ITEM	QUALITY	QUANTITY
1	Haematoxylin (Delafields)	SRL	125 ml X 6 pcs
2	Eosin Yellow	SRL	1X25g
3	E.Solution	China	500 ml X 12pcs
4	Conc HCl	Merck	500 ml
5	Pottasium Chloride AR	SRL	500g
6	Aceto Orcein	SRL	100ml X 3pcs
7	Aceto carmine	Merck	100 ml
8	Giemsa stain Solution	SRL	100ml X 2pcs
9	Methylene Blue Solution	SRL	125ml X 6pcs

LABWARE:

SL. NO.	NAME OF THE ITEM	QUALITY	QUANTITY
1	Wash bottle	Tarson	500 ml X 6pcs
2	Conical flask	Borosil ^R	150ml X 1Doz
3	Falcon tube 50ml	Tarson	1pkt (25pcs)
4	Pipette 5ml	Borosil ^R	1 doz
5	Reagent bottle 100ml with plastic screw cap	Borosil ^R	6 pcs
6	Measuring Cylinder 500ml	Borosilicate	1pc
7	Measuring Cylinder 100ml	Borosil ^R	2pc
8	Centrifuge tube 15 ml with plastic screw cap	Tarson	1pkt (25pcs)

DEPARTMENT OF MICROBIOLOGY

DHRUBA CHAND HALDER COLLEGE

NAME	Quantity required	Company
Pipetman set 1000µl,	2 but 1 if Eppendorf	Tarsons
Pipetman set 200µl,	2 but 1 if eppendorf	Tarsons
Hotplate Stirrer (1Mlh)		10000

NAME	Quantity required	Company/Approximate Price (Rs.)
Tips	2pkts of 10ul	Tarsons
Tips	2pkts of 200ul	Tarsons
Tips	2pkts of 1000 ul	Tarsons

NAME	Quantity required	Company
Phage Titration Kit	1	To be purchased from Scientific Emporium
Glacial Acetic Acid	500mlx2	Merck/SRL
Acetone	500mlx2	SRL/Merck
Dextrose	500g x2	SRL/Merck
Chloroform	500mlx2	SRL/Merck
Sodium Hydroxide	500gx1	SRL/Merck
Dinitrosalicylic acid (DNSA)	25gx1	SRL/Merck
Spirit	5L	Local made
Sodium Citrate	250gx2	SRL/Merck
Potassium iodide	100gx1	SRL/Merck
Solution A (Chinese Alcohol)	500ml x 6	Chinese Make

CONTD.

NAME	Quantity required	Company
Glass Spreader	6pcs	Local made
Petriplates	24pcs	Borosil/ Borosilicate
Pasteur pipette	6pcs	Local made
Nephalometric Flask	24pcs	Borosil/Borosilicate
Culture tubes (Big & Small)	1gross	Borosil/Borosilicate
Test Tube (Big & Small)	1gross	Normal
Watch glass(different size)	6pcs	Normal quality
Durhum's tube	12pcs	Normal glass
Small test tubes	1gross	Borosilcate

Name	Quantity Required	Company
Non absorbant cotton	06 roll	Local made
Absorbent cotton	06 roll	Local made
Cork / Well borer	1	Stainless Steel
Liquid Bleach (Rin Ala)	12bottles	