

A P P E N D I X - 'E'

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BIO - DATA OF THE TEACHER

1. Name of the Teacher :
2. Academic Qualifications :
3. Teaching Experience :
4. Teaching Experience at
(+ 2 stage) Classes XI & XII :
5. Whether attended any special
in-service training programme:
6. If Yes, Where

When :

Period :

Nature of the
Training Programme :
7. Age : _____ Years.

1. Name of the School _____
2. Address _____

3. Date of Establishing the School _____
4. Date of Introducing Higher Secondary Classes in Science _____
5. Total annual budget for the Chemistry Laboratory _____
6. Staff available to teach Chemistry^o theory and conduct Chemistry practicals :No. _____
 - (a) Number of Teachers _____
 - (b) Post Graduate Teachers -- Qualified
 - (c) Trained graduate teachers "
 - (d) Demonstrate^y/if any "
 - (e) Laboratory/Assistants if any "
 - (f) Laboratory Attendants if any "
 - (g) Sweepers (cleaners if any) _____
7. Physical facilities available in the Chemistry laboratory.
 - a) What is the covered area of your chemistry laboratory _____
 - b) What is the size of the Chemistry laboratory m²
 - c) What is the height of the ceiling of your chemistry laboratory _____
 - d) Has your chemistry laboratory provision for cross ventilation. _____

- e) Is your chemistry laboratory fitted with suction fans near the ceiling 438 _____
- f) How many working tables are in your chemistry laboratory _____
- g) How many working ^asets are provided in your chemistry laboratory _____
- h) What is the average height of the working table from the ground floor _____
- i) What is the size of the working table in your laboratory _____
- j) Is there a provision of sinks in the working table in your laboratory _____
- k) Is there a provision of drainage in your laboratory _____
- l) Is water connection available in your chemistry laboratory _____
- m) Is electricity available in your chemistry laboratory _____
- n) Is gas available in your Chemistry laboratory _____
- o) If no, what is the source of heating in your chemistry laboratory _____
- p) Is there a provision of a fuming cupboard in your chemistry laboratory _____
- q) Are there places in chemistry lab. ^{oratory} for dumping broken glassware, waste materials etc. _____
- r) Is there a store room in your Chemistry Laboratory _____
- s) Is there enough provision for lighting in your chemistry laboratory. _____

Contd.....

t) Is there provision for first aid in your chemistry laboratory

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u) Is there a fire extinguisher in your chemistry laboratory

8. Glassware and Equipment available in the chemistry laboratory

a) Beakers (250 ml)	23
b) Beakers (150 ml)	16
c) Funnel	25
d) Flat bottom flask (500ml)	25
e) Flat bottom flask (1000ml)	NFI
f) Glass Rods	500g.
g) Glass tubes (Soda)Glass	500g.
h) Glass capillary tubes	Kg.
i) Graduated pipette (10 ml)	NFI
j) Graduated pipette (25 ml)	NFI.
k) Ignition tubes	1 gms.
l) Liebig's condenser	9
m) Measuring cylinder(50ml)	2
n) Measuring cylinder(100ml)	
o) Measuring flask (250 ml)	10
p) Petri dishes (8 cm ^s (intr. -	6
q) Pipette with one mark (10ml)	25
r) Pipette with one mark(25 ml)	36
s) Round bottom flask (500ml)	12
t) Round bottom flask (1000ml)	NFI
u) Ammeter (Range_____)	NFI
v) Be ^e chive shelf (Dia_____cm)	6
w) China crucible (Dia_____cm)	20
x) Connecting wires	Mtrs.
y) Calorimeter Copper(dia_____cm)	

z) Dry Cells (1.5 Volt)	440
Electric bulb holder (dia _____ cms)	
Electric bulb (6 Volts)	
Circuit key (one way)	
Measuring ^C Sales (100 gms)	9
Measuring ^C Sales (50 cms)	
Thermometer (110°C of 1/10th division)	9
Thermometer (ordinary)	NB1
Water bath copper (dia _____ cm)	9
Rubber crok (all sizes)	1

9. CHEMICALS

(A) Inorganic Chemicals

1. Alum (Potash)	250 gms
2. Aluminium Sulphate	500 Gms.
3. Ammonium Sulphate	500 Gms
4. Ammonium Molybedate	100 Gms.
5. Arsenious Sulphate	500 Gms
6. Barium chloride	500 Gms
7. Bromine	100 Gms
8. Copper chips	500 Gms.
9. Ferric chloride	100 Gms
10. Di-sodium hydrogen Phosphate	2500g Gms
11. Ferric Sulphate	NB1 Gms.
12. Ferrous Ammonium Sulphate	2500 Gms
13. Iodine	100 G,s
14. Iron Metal	100 Gms
15. Lead metal	NB1 Gms
16. Magnesium metal	100 Gms.
17. Mercury	NB1 Gms.

Contd.....

18. Manganese dioxide	500 441 gms
19. Mono Sodium Hydrogen Phosphate	500 gms.
20. Potassium Permanganate	500 gms.
21. Potassium dichromate	500 gms.
22. Potassium ferricyanide	500 gms.
23. Potassium Nitrate	500 gms.
24. Potassium bisulphate	500 gms.
25. Potassium Chlorate	NH. g.
26. Potassium Iodide	NH. g.
27. Potassium Bromide	500 g.
28. Potassium thiocyanate	500 g.
29. Sodium Chloride	g kg
30. Sodium carbonate	g kg
31. Sodium Thiosulphate	500 g.
32. Sodium Acetate	500 g.
33. Sodium Tartrate	
34. Sodium Nitroprusside	100g.
35. Sodium peroxide	NH.
36. Sodium metal	500
37. Sulphur metal	
38. Schiff's Reagent	500 ml
39. Tin Metal	g
40. Zinc metal	500 g

I B) ORGANIC CHEMICALS

1. Acetaldehyde	500 ml.
2. Acetic Acid	500 ml
3. Acetone	500 ml
4. Aniline	NH. ml.
5. Acetamide	NH. g.

Contd... ..

6. Benedict's Regant	500 ⁴⁴² ml
7. Benzene	500 ml
8. Benzoyl alcohol ^{ohol}	Nol. ml
9. Benzoic Acid	Nol g.
10. Butanol	Nol ml
11. Carboic acid	ml.
12. Carbon disulphide	ml.
13. Carbon Tetrachloride	ml.
14. Casein	ml.
15. Chloroform	ml.
16. Citric Acid	ml.
17. Chloral hydrate	g.
18. Dimethyl glyoxime	g.
19. P-dichlorobenzene	ml.
20. Ethyl alcohol	ml.
21. Ethyl amine	ml.
22. Formaldehyde	ml.
23. Formic acid	ml.
24. Fructose ^t	g.
25. Glucose	g.
26. Lactose	g.
27. Maltose	g.
28. Methyl alcohol	ml.
29. Methyl Oxalate	g.
30. Methyl Orange	g.
31. Naphthalene	g.
32. L-Naphthol	g.
33. Ninhydrin	g.
34. Oxalic Acid	g.
35. Phenol	g.

Contd.....

36. Phenolphthalein	_____g.
37. Phenyl hydrazine hydrochloride	_____g.
38. Phthalic acid	_____g.
39. Starch	_____g.
40. Sucrose	_____g.
41. Urea	_____g.

(C) MISCELLANEOUS SUBSTANCES

1. Agar - Agar	_____g.
2. Ajwain ()	_____kg.
3. Brass Alloy	_____kg.
4. Bronze alloy	_____kg.
5. Blue ink (good quality)	_____Bottle.
6. Charcoal powder	_____g.
7. Cellophane	_____sheets.
8. Coconut oil	_____g.
9. Vegetable oil ghee	_____kg.
10. Duralumin	_____kg.
11. Fibres (cotton silk, rayon, woolen, terylene etc)	_____mts.
12. Filter paper (whatman)	_____sheets.
13. Gelatin	_____g.
14. Gum	_____kg.
15. Glass wool	_____kg.
16. Gram flour	_____kg.
17. Ground nut oil	_____kg.

Contd.....

18. Illaichi	<u>444</u> g.
19. Kerosene oil.	<u> </u> g.
20. Mahuva oil	<u> </u> kg.
21. Mustard oil	<u> </u> ml.
22. Olive oil	<u> </u> *
23. Red Ink (Good quality)	<u> </u> bottle.
24. Standard market soap	<u> </u> tablet.
25. Saw dust	<u> </u> kg.
26. Saffron	<u> </u> g.
27. Threads	<u> </u> Meter.
28. Tea samples	<u> </u> g.
29. Turpentine oil	<u> </u> ml.
30. Wax (Paraffin)	<u> </u> g.
31. Wood Chips	<u> </u> kg.
32. Wheat flour	<u> </u> kg.
33. Yeast powder	<u> </u> kg.