

LIST OF CHEMICALS OF CHEMISTRY DEPARTMENT

To

The principal

S.G.Women's junior college sector – 2 Rourkela – 6

Sub:- List of chemicals

Madam

Please find enclosed the list of chemicals required for conduct of chemistry practical classes for the academic session 2018-2019.

1. Ammonium Chloride
2. Ammonium Carbonate
3. Ammonium Sulphate
4. Ammonia Solution
5. Ammonium Oxalate
6. Acetic Acid
7. Aniline
8. Aluminium Chloride
9. Aluminium Sulphate
10. Barium Chloride
11. Barium Nitrate
12. Copper Carbonate
13. Cobalt Nitrate
14. Calcium carbonate
15. Calcium chloride
16. Disodium hydrogen phosphate
17. Ferric chloride
18. Ferrous sulphate

19. Ferrous sulphide
20. Hydrochloric acid
21. Lead nitrate
22. Methyl orange
23. Nessler's reagent
24. Nitric acid
25. Potassium chloride
26. Potassium nitrate
27. Potassium chloride
28. Potassium iodide
29. Potassium sulphate
30. Potassium permanganate
31. Potassium pyroantimonate
32. Sodium chloride
33. Sodium nitrate
34. Sodium bromide
35. Sodium sulphite
37. Sodium nitrite
38. Sodium iodide
39. Sodium carbonate
40. Sodium sulphate
41. Sodium hydroxide
42. Silver nitrate
43. Sulphuric acid
44. Strontium chloride
45. Strontium chloride
46. Zinc carbonate

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LIST OF APPARATUS OF CHEMISTRY DEPARTMENT

To

The principal

S.G.Women's junior college Sector-2 Rourkela -6

Sub:-List of apparatus/equipment

Madam

Please find enclosed the list of equipments required for conduct of chemistry practical classes for the academic 2018-2019.

- | | |
|--|---|
| 01. Beaker | 30. Wire gauze |
| 02. Blow pipe | 31. Watch glass |
| 03. Basin | 32. Alkali/Acid container cap.10000/5000litre |
| 04. Burette 50 ml. | |
| 05. Bunsen burner | |
| 06. Burette stand | |
| 07. Conical flask | |
| 08. Connection tube for Bunsen burner | |
| 09. Copper turning | |
| 10. Double blue glass | |
| 11. Filter paper | |
| 12. Funnel | |
| 13. Glass rod | |
| 14. Glass tube | |
| 15. Kipp's apparatus | |
| 16. Litmus paper (red & blue) | |
| 17. Measuring flask 100ml. | |
| 18. Measuring cylinder 100ml. 500ml. 1000ml. | |
| 19. PH paper | |
| 20. Pipette 10ml. | |
| 21. Reagent bottle 250ml, 500ml, and 1000ml. | |
| 22. Test tube | |
| 23. Test tube stand | |
| 24. Test tube holder | |
| 25. Test tube brush | |
| 26. Tong | |
| 27. Tripod stand | |
| 28. Triangular file | |
| 29. Wire gauze | |

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LIST OF CHEMICAL OF ORGANIC COMPOUND

01. Copper foil
02. Blue / Red litmus paper
03. Ethyl alcohol
04. Oxalic acid
05. Benzoic acid
06. Succinic acid
07. Salicylic acid
08. B-naphthol
09. 2-4-Dinitrophenyl hydrazine
10. Fehling solution (A/B)
11. Aldehyde
11. Ketone
12. Acetone
13. Sodium nitropruside
14. Iodine crystal
15. Ceric ammonium nitrate
16. Phenol
17. Recorcinol
18. Magneson reagent
19. Sodium hydrogen carbonate
20. Phenyl hydrazine.

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