**brŒKiw bghJ¤ nj®Î kh®¢ - 2021**

**tF¥ò – 12**

**ntÂæaš**

neu« : 3.00 hrs. kÂ¥bg© : 15

Question I

1. bfhL¡f¥g£LŸs br¿t¿ah bghu° ršng£ fiurèš 750ml š cŸs gof bghu° ršng£o‹ ãiyia¡ fz¡»Lf. Ïj‰bfd 0.1102 N ÂwDila bghu° m«nkhåa« ršng£ Â£l¡ fiurš k‰W« bgh£lhÁa« bg®kh§fnd£ Ïiz¥ò fiurš bfhL¡f¥g£LŸsJ.

To estimate the amount of FeSO4 in 750ml of in unknown Ferrous Sulphate solution, you are provided 0.1102 N ferrous ammonium sulphate as standard solution and potassium permanganate as link solution.

1. bfhL¡f¥g£LŸs br¿t¿ah bghu° m«nkhåa« ršng£ fiurèš 1500ml š cŸs gof bghu° m«nkhåa« ršng£o‹ ãiwia¡ fz¡»Lf. Ïj‰bfd 0.1024 N ÂwDila Â£l bghu° ršng£ fiurš k‰W« bgh£lhÁa« bg®kh§fnd£ Ïiz¥ò fiurš bfhL¡f¥g£LŸsJ.

To estimate the amount of Ferrous ammonium Sulphate present in 1500ml of given unknown solution. You are provided a standard solution of 0.1024 N ferrous sulphate and Pot.Permanganate as link solution.

Question II

Identify the following and write the procedure for the given organic compound.

1. Aliphatic Aromatic (ii) Saturated / Unsaturated
2. Functional group
3. Benzophenone 1. bg‹nrhÕndh‹
4. Cinnamic acid 2. Á‹dä¡ mäy«
5. Urea 3. ôçah
6. Glucose 4. FS¡nfh°
7. Aniline 5. måÅ‹

**PRACTICAL PUBLIC EXAMINATION MARCH - 2021**

**STD - XII**

**CHEMISTRY**

QUESTION I

Volumetric Analysis (10 Marks)

|  |  |  |
| --- | --- | --- |
| 1 | Simple or short procedure | 3 marks |
| 2 | Titration I – Table & Titre value | 1 + 1 marks |
| 3 | Titration II – Table & Titre value | 1 + 1 marks |
| 4 | Titration I – Calculation | 1 mark |
| 5 | Titration II – Calculation | 1 mark |
| 6 | Weight Calculation | 1 mark |

QUESTION II

Organic Qualitative Analysis – 5 Marks

|  |  |  |
| --- | --- | --- |
| 1 | Aromatic / Aliphatic Test | 1 mark |
| 2 | Saturation / Unsaturation (any one) | 1 mark |
| 3 | Identification of Functional groups (any one) | 1 mark |
| 4 | Result / Report | 2 mark |