



DEPARTMENT OF CHEMISTRY
ANUGRAH MEMORIAL COLLEGE
GAYA - 823001 (Bihar)

(A Constituent Unit of Magadh University, Bodh-Gaya)

Ref. No.

Date. 07-06-2023

Programme of B. Sc. Part - I (Chemistry) Practical Examination - 2021

Session: 2020 – 2023

Chemistry (Hons): Paper – II (Practical)

| Date | Sitting | Time | Univ. Roll Nos. | Lab |
|------------|---------|----------|-----------------|---------------|
| 12-06-2023 | I | 10:30 AM | All | Chemistry Lab |

Chemistry (Subsidiary): Paper – Practical

| Date | Sitting | Time | Che (Subsi.) Practical of Honours | Lab |
|------------|---------|----------|-----------------------------------|---------------|
| 13-06-2023 | I | 10:30 AM | Physics (Hons) | Chemistry Lab |
| 13-06-2023 | II | 01:00 PM | Maths (Hons) | Chemistry Lab |
| 14-06-2023 | I | 10:30 AM | Zoology (Hons) | Chemistry Lab |
| 14-06-2023 | II | 01:00 PM | Botany (Hons) | Chemistry Lab |

Note: -

- All students (examinees) are directed to bring their
 - Chemistry (Hons) / (Subsidiary) practical note book.
 - Admit Card of B. Sc. Part – I (Hons) Examination - 2021.
 - College Identity Card / Admission Receipt.
- Kindly report in the Chemistry Lab 15 minutes before start of the practical exam.

P.R. Pandey
07-06-2023

H. O. D.

Head

Dept. of Chemistry
A. M. College, Gaya

CHEMISTRY PRACTICAL

PAPER – II

Full Marks—50

Time—6 hours.

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| 1 | Volumetric analysis : | —25 |
| | (a) Acidimetry and alkalimetry | |
| | (b) Use of potassium permanganate potassium dichromate and sodium thiosulphate. | |
| 2 | Detection of nitrogen sulphur and halogen in organic compounds and identification of organic compounds containing one functional group including monosaccharides. | —15 |
| 3 | Note book and Viva-Voce | —10 |

B. Sc. Part—I

Subsidiary

Chemistry Practical

Time—5 hours

Full Marks—25

GROUP 'A' (INORGANIC CHEMISTRY)—12 Marks

1. Volumetric Analysis :

(a) Acidimetry and alkalimetry

(b) Use of potassium permanganate and potassium dichromate, Iodometry.

(33)

GROUP—'B'

2 Organic Detection ;—Detection of nitrogen, sulphur and halogens in organic compounds.

Detection of the following functional group of Organic compounds (i) OH (Phenolic), (ii) CHO (iii) C=O (iv) COOH, (v) NH₂ and (vi) NO₂ **8 marks**

3 Record of class work and viva-voce

5 marks