

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY

Faculty of Science

B.Sc. II Year Practical Examination

CHEMISTRY

(Inorganic and Organic Chemistry)

Paper : X (New)

Time: 6 hrs.

Date :

Centre :

Max. Marks : 100

Batch No.

GENERAL INSTURCTIONS.

- i) Verify the table number allotted to you and write your University Examination Seat Number on Answer Book.
 - ii) Credit will be given for neat and systematic work.
 - iii) Show your observations regarding weight taken, Burette reading, melting point, etc. to examiner and obtain the signature.
 - iv) Logarithmic table, printed or cyclostyled charts are allowed to use.
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SECTION-A (ORGANIC CHEMISTRY)

50 Marks

- Q.1.** Prepare the _____ derivative of _____ **20 Marks**
Recrystallise it and determine its physical constant.
- Q..2** Estimate the amount of _____ by _____ **25 Marks**

SECTION-B (INORGANIC CHEMISTRY)

50 Marks

- Q.3.** Estimate the amount of _____ as _____ gravimetrically **25 Marks**
- Q.4.** Estimate the amount of _____ by using Std. E.D.T.A. solution **20 Marks**
- Q.5.** a) Record Book **5 Marks**
b) Viva – Voce **5 Marks**

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Scheme of Marking

Q.1.	Yield of the Product	10 Marks	
	Recrystallisation	05 Marks	
	Melting Point	05 Marks	
			20 Marks
Q.2.	Observation Table	20 Marks	
	\pm 0.3 ml.	20 Marks	
	\pm 0.4 ml.	15 Marks	
	\pm 0.5 ml.	10 Marks	
	Calculation and Result	05 Marks	
			25 Marks
Q.3.	Weight of the Precipitate	20 Marks	
	\pm 10 mg.	20 Marks	
	\pm 15 mg.	15 Marks	
	\pm 20 mg.	10 Marks	
	Calculation and Result	05 Marks	
			25 Marks
Q.4.	Observation Table	15 Marks	
	\pm 0.3 ml.	15 Marks	
	\pm 0.4 ml.	10 Marks	
	\pm 0.5 ml	05 Marks	
	Calculation and Result	05 Marks	
			20 Marks
Q.5.	a) Record Book	5 Marks	
	b) Viva – Voce	5 Marks	