

UNIVERSITY OF KERALA

**B.Sc. CHEMISTRY (CORE) SEMESTER IV - LABORATORY COURSE
(PRACTICAL) EXAMINATION CHEMISTRY MAJOR, JULY 2012**

To be filled in by the student

Course Code:		Exam code									
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Register Number (in figures)											
	← Programme code Programme code →			← Candidate code Candidate code →							
Register Number (in words)											

Name of the candidate	Name of Centre	Date of examination			
					FN/AN

DD MM YY

To be filled in by the examiner

SCORE SHEET

a. Components for End Semester Evaluation: Inorganic Qualitative Analysis (weightage 24)

Sl.No.	Component	Grade awarded	*Grade point	Weightage	#Weighted Grade point
I	ANSWER TO THE QUESTION			1	
II	Preliminary experiments			1	
III	Preliminary tests for anions			2	
IV	Systematic tests for anions			3	
V	Identification & Confirmatory test of anion			5	
VI	Intergroup/Elimination /Group identification for cations			4	
VII	Confirmatory test for cations			8	

b. Sub-Components for Lab report (weightage 6)

	LAB REPORT	Grade awarded	*Grade point	Weightage	#Weighted Grade point
I	No. Experiments Qualitative analysis : 8 mixtures			4	
II	Reactions of ions with equations, Spot test, Correct recording and Neatness			1	
III	Inorganic Preparations			1	
Total Weighted Grade point for Lab Report				b	

*Grade point : A=4, B=3, C=2, D=1

#Weighted Grade point = Grade Point x weightage

$$* \text{ GRADE POINT EARNED } = \frac{\text{Weighted Grade point of a + b + c}}{30} =$$

GRADE =

Range	3.5-4.0	2.5-3.49	1.5-2.49	0.5-1.49	0.0-0.49
Grade	A	B	C	D	E

UNIVERSITY OF KERALA
IV SEMESTER B.Sc. (COMPLEMENTARY) CHEMISTRY LABORATORY COURSE
(PRACTICAL) EXAMINATION FOR PHYSICS & GEOLOGY MAJORS JULY 2012

To be filled in by the student

Course Code:		Exam code								
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Register Number (in figures)											
	← Programme code Programme code →			← Candidate code Candidate code →							
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					FN/AN

DD MM YY

To be filled in by the examiner

SCORE SHEET

A. Components for End Sem Evaluation of Inorganic Qualitative Analysis (weightage 12)

Sl. No.	Component	Grade awarded	Grade point	Weightage	Weighted Grade point
I	ANSWER TO THE QUESTION			1	
II	Preliminary experiments + group reagents + systematic recording of cations + Lab skill			2	
III	IDENTIFICATION			3	
IV	CORRECT tests			6	
Total Weighted Grade point for Inorganic Qualitative Analysis				a	

B. Components for End Sem Evaluation of Inorganic Quantitative Analysis (weightage 12)

Sl.No	Component	Grade awarded	Grade point	Weightage	Weighted Grade point
I	ANSWER TO THE QUESTION			1	
II	PROCEDURE			1	
III	STANDARDISATION				
a	Tabulation, Lab skill, Calculation AND Neatness			2	
b	Accuracy of the result			3	
IV	ESTIMATION				
a	Tabulation, Lab skill, Calculation AND Neatness			2	
b	Accuracy of the result			3	
Total Weighted Grade point for Inorganic Quantitative Analysis				b	

C. Sub-Components for Lab report (weightage 6)

	LAB REPORT	Grade awarded	Grade point	Weightage	Weighted Grade point
I	Qualitative analysis : 8 cation mixtures			2	
II	Quantitative analysis : 10 experiments			3	
III	Reactions of cations, Chemistry, Correct recording and Neatness			1	
Total Weighted Grade point for Lab report				c	

$$GRADE POINTS EARNED = \frac{\text{Total Weighted Grade points (a + b + c)}}{30} =$$

GRADE =

Range	3.5-4.0	2.5-3.49	1.5-2.49	0.5-1.49	0.0-0.49
Grade	A	B	C	D	E

UNIVERSITY OF KERALA
IV SEMESTER B.Sc. (COMPLEMENTARY) CHEMISTRY LABORATORY
COURSE (PRACTICAL) EXAMINATION FOR BOTANY, ZOOLOGY, HOME
SCIENCE & BIOCHEMISTRY MAJORS JULY 2012

To be filled in by the student

Course Code:		Exam code								
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Register Number (in figures)											
	Programme code Programme code			Candidate code Candidate code							
Register Number (in words)											

Name of the candidate	Name of Centre	Date of examination			
					FN/AN
		<i>DD</i>	<i>MM</i>	<i>YY</i>	

To be filled in by the examiner

SCORE SHEET

a. Components for End Semester Evaluation of Organic Qualitative Analysis (weightage 12)

Sl.No.	Component	Grade awarded	Grade point	Weightage	Weighted Grade point
I	ANSWER TO THE QUESTION			1	
II	Two tests each for Aromatic and aliphatic & saturated and unsaturated			2	
III	Two preliminary experiments, Na fusion extract preparation, Test for elements N / halogens			3	
IV	Systematic analysis, Identification test Confirmation test, Neat tabulation & Lab skill			6	
Total Weighted Grade point for Organic Qualitative Analysis				a	

b. Components for End Semester Evaluation of Inorganic Quantitative Analysis (weightage 12)

Sl.No.	Component	Grade awarded	Grade point	Weightage	Weighted Grade point
I	ANSWER TO THE QUESTION			1	
II	PROCEDURE			1	
III	STANDARDISATION				
a	Tabulation, Lab skill, Calculation AND Neatness			2	
b	Accuracy of the result			3	
IV	ESTIMATION				
a	Tabulation, Lab skill, Calculation AND Neatness			2	
b	Accuracy of the result			3	
Total Weighted Grade point for Inorganic Quantitative Analysis				b	

c. Sub-Components for Lab report (weightage 6)

	LAB REPORT	Grade awarded	Grade point	Weightage	Weighted Grade point
I	Qualitative analysis : 8 organic compounds			2	
II	Quantitative analysis : 10 experiments			3	
III	Neatness			1	
Total Weighted Grade point for Lab report				c	

$$\text{GRADE POINTS EARNED} = \frac{\text{Total Weighted Grade points (a + b + c)}}{30} =$$

GRADE =

Range	3.5-4.0	2.5-3.49	1.5-2.49	0.5-1.49	0.0-0.49
Grade	A	B	C	D	E

