

SEMESTER-I(HONOURS)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dr. Niranjan Kumar Mridha, Assistant professor

CHEMISTRY: CHCS: HONOURS SEMESTER - I : 2020-2021							
Sl. NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-I	CEMHT-1 CEMHP-1	BONDING AND PHYSICAL PROPERTIES	JULY	12 Nos	8 Nos	20Nos
2	SEM-I	CEMHT-1 CEMHP-1	BONDING AND PHYSICAL PROPERTIES	AUGUST	12 Nos	8 Nos	20Nos
3	SEM-I	CEMHT-1 CEMHP-1	REACTION MECHANISM -I	SEPTEMBER	12 Nos	8 Nos	20Nos
4	SEM-I	CEMHT-1 CEMHP-1	REACTION MECHANISM -I AND CLASS TEST	OCTOBER	3 Nos 1No	1 No	5Nos
5	SEM-I	CEMHT-1 CEMHP-1	STEREOCHEMISTRY -I	NOVEMBER	12 Nos	8 Nos	20Nos
6	SEM-I	CEMHT-1 CEMHP-1	STEREOCHEMISTRY -I AND CLASS TEST	DECEMBER	4Nos 1No	1No	5Nos

Niranjan Mridha

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SEMESTER-II(HONOURS)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dr. Niranjani Kumar Mridha, Assistant professor

CHEMISTRY, CBCS, HONOURS, SEMESTER II, JUNE 2021

SL NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-II	CEMHT-4 CEMHP-4	STEREOCHEMISTRY -I	JANUARY	12 Nos	8 Nos	20Nos
2	SEM-II	CEMHT-4 CEMHP-4	STEREOCHEMISTRY -II AND REACTION MECHANISM -I	FEBRUARY	12 Nos	8 Nos	20Nos
3	SEM-II	CEMHT-4 CEMHP-4	REACTION MECHANISM -II	MARCH	12 Nos	8 Nos	20Nos
4	SEM-II	CEMHT-4 CEMHP-4	SUBSTITUTION AND ELIMINATION	APRIL	12 Nos	8 Nos	20Nos
5	SEM-II	CEMHT-4 CEMHP-4	SUBSTITUTION AND ELIMINATION	MAY	12 Nos	8 Nos	20Nos
6	SEM-II	CEMHT-4 CEMHP-4	SUBSTITUTION AND ELIMINATION AND CLASS TEST	JUNE	4 Nos 1 No	2 Nos	7Nos

Niranjani

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SEMESTER-III(HONOURS)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dr. Niranjan Kumar Mishra, Assistant professor

CHEMISTRY: CBC: HONOURS SEMESTER-III, 2020-2021

SL NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-III	CEMHT-7 CEMHP-7	CHEMISTRY OF ALKENES AND ALKYNES	JULY	12 Nos	8 Nos	20Nos
2	SEM-III	CEMHT-7 CEMHP-7	CHEMISTRY OF ALKENES AND ALKYNES AND AROMATIC SUBSTITUTION	AUGUST	12 Nos	8 Nos	20Nos
3	SEM-III	CEMHT-7 CEMHP-7	AROMATIC SUBSTITUTION	SEPTEMBER	12 Nos	8 Nos	20Nos
4	SEM-III	CEMHT-7 CEMHP-7	CARBONYL AND RELATED COMPOUNDS AND CLASS TEST	OCTOBER	4 Nos 1 No	1 No	6Nos
5	SEM-III	CEMHT-7 CEMHP-7	CARBONYL RELATED COMPOUNDS	NOVEMBER	12 Nos	8 Nos	20Nos
6	SEM-III	CEMHT-7 CEMHP-7	ORGANOMETALLIC AND CLASS TEST	DECEMBER	4 Nos 1 No	1 No	6Nos

Niranjan Mishra

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SEMESTER-IV(HONOURS)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dr. Niranjan Kumar Mridha, Assistant professor

CHEMISTRY: CBCS: HONOURS: SEMESTER-IV; 2020-2021							
SL NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-IV	CEMHT-10 CEMHP-10	NITROGEN COMPOUNDS AND REARRANGEMENT	JANUARY	12 Nos	8 NoS	20Nos
2	SEM-IV	CEMHT-10 CEMHP-10	REARRANGEMENT AND ORGANIC SYNTHESIS	FEBRUARY	12 Nos	8 NoS	20Nos
3	SEM-IV	CEMHT-10 CEMHP-10	ORGANIC SYNTHESIS AND CLASS TEST	MARCH	11 Nos 1 No	8 NoS	20Nos
4	SEM-IV	CEMHT-10 CEMHP-10	ORGANIC SYNTHESIS AND ORGANIC SPECTROSCOPY	APRIL	12 Nos	8 NoS	20Nos
5	SEM-IV	CEMHT-10 CEMHP-10	ORGANIC SPECTROSCOPY	MAY	12 Nos	8 NoS	20Nos
6	SEM-IV	CEMHT-10 CEMHP-10	ORGANIC SPECTROSCOPY AND CLASS TEST	JUNE	4Nos 1 No	1 No	6Nos

Niranjan Kumar Mridha

23.12.20

SEMESTER-I(GENERAL)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dr. Niranjana Kumar Mishra, Assistant professor

CHEMISTRY: CBCS: GENERAL SEMESTER I, 2020-2021

SL NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-I	CEMGT-1 CEMGP-1	GOC	JULY	4Nos	2Nos	6Nos
2	SEM-I	CEMGT-1 CEMGP-1	STEREOCHEMISTRY	AUGUST	4Nos	2Nos	6Nos
3	SEM-I	CEMGT-1 CEMGP-1	STEREOCHEMISTRY NUCLEOPHILIC SUBSTITUTION AND ELIMINATION	SEPTEMBER	4Nos	2Nos	6Nos
4	SEM-I	CEMGT-1 CEMGP-1	CLASS TEST NUCLEOPHILIC SUBSTITUTION AND ELIMINATION	OCTOBER	1No 1No	1No	3Nos
5	SEM-I	CEMGT-1 CEMGP-1	ALIPHATIC HYDROCARBON	NOVEMBER	4Nos	2Nos	6Nos
6	SEM-I	CEMGT-1 CEMGP-1	ALIPHATIC HYDROCARBON CLASS TEST	DECEMBER	2Nos 1No	1No	4Nos

Niranjana Mishra

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SEMESTER-III(GENERAL)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dr. Niranjan Kumar Mishra, Assistant professor

CHEMISTRY: CBCS: GENERAL SEMESTER-III: 2020-2021

SL NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-III	CEMGT-3 CEMGP-3	AROMATIC HYDROCARBON	JULY	4Nos	2 Nos	6Nos
2	SEM-III	CEMGT-3 CEMGP-3	AROMATIC HYDROCARBON AND ORGANOMETALLIC	AUGUST	4Nos	2Nos	6Nos
3	SEM-III	CEMGT-3 CEMGP-3	ORGANOMETALLIC COMPOUND AND ARYL HALIDE	SEPTEMBER	4Nos	2Nos	6Nos
4	SEM-III	CEMGT-3 CEMGP-3	CLASS TEST AND ARYL HALIDE	OCTOBER	1No 2Nos	NIL	3Nos
5	SEM-III	CEMGT-3 CEMGP-3	ALCOHOLS	NOVEMBER	4Nos	2Nos	6Nos
6	SEM-III	CEMGT-3 CEMGP-3	CARBONYL COMPOUND AND CLASS TEST	DECEMBER	2Nos 1No	1No	4Nos

NK Mishra

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SEMESTER-III(HONOURS)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dharitri Mandal, State Aided College Teacher-1

CHEMISTRY: CBCS: HONOURS-SEMESTER-III: 2020-2021							
SL NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-III	CEMHT-5 CEMHP-5	TRANSPORT PROCESSES	JULY	12 Nos	8 NoS	20Nos
2	SEM-III	CEMHT-5 CEMHP-5	TRANSPORT PROCESSES AND APPLICATION OF THERMODYNAMIC 5-1	AUGUST	08Nos 08Nos	4 NoS	20Nos
3	SEM-III	CEMHT-5 CEMHP-5	APPLICATION OF THERMODYNAMIC 5-	SEPTEMBER	12 Nos	8 NoS	20Nos
4	SEM-III	CEMHT-5 CEMHP-5	QUANTUM MECHANICS & CLASS TEST	OCTOBER	4 Nos 1 No	1 No	6Nos
5	SEM-III	CEMHT-5 CEMHP-5	QUANTUM MECHANICS	NOVEMBER	12 Nos	8 NoS	20Nos
6	SEM-III	CEMHT-5 CEMHP-5	QUANTUM MECHANICS & CLASS TEST	DECEMBER	4 Nos 1 No	1 No	6Nos

Dharitri Mandal
30/6/2020

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SEMESTER-IV(HONOURS)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dharitri Mandal, State School College Teacher-1

CHEMISTRY CBCS HONOURS SEMESTER IV, 2020-2021

Sl. No.	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM IV	CEMHT-B CEMHP-B	APPLICATION OF THERMODYNAMIC S-I	JANUARY	16 Nos	4 Nos	20 Nos
2	SEM IV	CEMHT-B CEMHP-B	APPLICATION OF THERMODYNAMIC S-II AND QUANTUM CHEMISTRY	FEBRUARY	4 Nos 8 Nos	8 Nos	20 Nos
3	SEM IV	CEMHT-B CEMHP-B	QUANTUM CHEMISTRY AND CLASS TEST	MARCH	11 Nos 1 No	8 Nos	20 Nos
4	SEM IV	CEMHT-B CEMHP-B	QUANTUM CHEMISTRY AND ELECTRICAL PROPERTIES OF MOLECULES	APRIL	2 Nos 10 Nos	8 Nos	20 Nos
5	SEM IV	CEMHT-B CEMHP-B	ELECTRICAL PROPERTIES OF MOLECULES AND CLASS TEST	MAY	10 Nos 1 No	8 Nos	19 Nos
6	SEM IV	CEMHT-B CEMHP-B	ELECTRICAL PROPERTIES OF MOLECULES	JUNE	2 Nos	NIL	2 Nos

Dharitri Mandal
23/12/2020

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SEMESTER-II(GENERAL)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dharitri Mandal, State Aided College Teacher 1

CHEMISTRY: CBCS: GENERAL SEMESTER II, 2020-2021							
SL NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-II	CEMGT-2 CEMGP-2	KINETIC THEORY OF GASES AND REAL GASES	JANUARY	5Nos	1 Nos	6Nos
2	SEM-II	CEMGT-2 CEMGP-2	KINETIC THEORY OF GASES AND REAL GASES	FEBRUARY	4Nos	1Nos	5Nos
3	SEM-II	CEMGT-2 CEMGP-2	LIQUIDS	MARCH	4Nos	2Nos	6Nos
4	SEM-II	CEMGT-2 CEMGP-2	SOLIDS & CLASS TEST	APRIL	4No 1No	1No	6Nos
5	SEM-II	CEMGT-2 CEMGP-2	CHEMICAL KINETICS	MAY	4Nos	2Nos	6Nos
6	SEM-II	CEMGT-2 CEMGP-2	CHEMICAL KINETICS & CLASS TEST	JUNE	2Nos 1No	1No	4Nos

Dharitri Mandal

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SEMESTER-III(GENERAL)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dharitri Mandal, State Aided College Teacher-1

CHEMISTRY: CBCS: GENERAL SEMESTER-III, 2020-2021

S. NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-III	CEMGT-3 CEMGP-3	CHEMICAL ENERGETICS	JULY	5Nos	1 Nos	6Nos
2	SEM-III	CEMGT-3 CEMGP-3	CHEMICAL ENERGETICS	AUGUST	4Nos	2Nos	6Nos
3	SEM-III	CEMGT-3 CEMGP-3	CHEMICAL ENERGETICS & CHEMICAL EQUILIBRIUM & CLASS TEST	SEPTEMBER	4Nos 1 No	2Nos	7Nos
4	SEM-III	CEMGT-3 CEMGP-3	CHEMICAL EQUILIBRIUM	OCTOBER	3Nos	NIL	3Nos
5	SEM-III	CEMGT-3 CEMGP-3	IONIC EQUILIBRIUM	NOVEMBER	4Nos	2Nos	6Nos
6	SEM-III	CEMGT-3 CEMGP-3	IONIC EQUILIBRIUM AND CLASS TEST	DECEMBER	2Nos 1No	1No	4Nos

Dharitri Mandal
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SEMESTER-IV(GENERAL)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Dharitri Mandal, State Aided College Teacher-1

CHEMISTRY: CBCS: GENERAL SEMESTER-IV, 2020-2021

Sl No	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-IV	CEMGT-4 CEMGP-4	SOLUTIONS	JANUARY	5Nos	1Nos	6Nos
2	SEM-IV	CEMGT-4 CEMGP-4	SOLUTIONS & PHASE EQUILIBRIA	FEBRUARY	4Nos	2Nos	6Nos
3	SEM-IV	CEMGT-4 CEMGP-4	PHASE EQUILIBRIA & CONDUCTANCE & CLASS TEST	MARCH	4Nos 1No	2Nos	7Nos
4	SEM-IV	CEMGT-4 CEMGP-4	CONDUCTANCE	APRIL	1Nos	1Nos	4Nos
5	SEM-IV	CEMGT-4 CEMGP-4	ELECTROMOTIVE FORCE	MAY	4Nos	2Nos	6Nos
6	SEM-IV	CEMGT-4 CEMGP-4	ELECTROMOTIVE FORCE & CLASS TEST	JUNE	2Nos 1No	1No	4Nos

Dharitri Mandal

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SEMESTER-II(HONOURS)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Holkar College, Narsipatna, Narsipatna, Narsipatna, Narsipatna

CHEMISTRY CBSE HONOURS SEMESTER II, 2020-2021

Sl. No.	SEMESTER	UNIT	SUBJECT	MONTH	THEORY CLASSES IN NOS	PRACTICAL CLASSES IN NOS	TOTAL CLASSES IN NOS
1	SEM-II	UNIT-1 CHAPTER-1	ATOMS STRUCTURE	JANUARY	12 NOS	8 NOS	20 NOS
2	SEM-II	UNIT-2 CHAPTER-2	CHEMICAL PERIODICITY	FEBRUARY	12 NOS	8 NOS	20 NOS
3	SEM-II	UNIT-3 CHAPTER-3	CHEMICAL PERIODICITY & ACID-BASE REACTIONS	MARCH	12 NOS	8 NOS	20 NOS
4	SEM-II	UNIT-4 CHAPTER-4	ACID-BASE REACTIONS & CLASS TEST	APRIL	1 NOS 1 NOS	1 NOS	5 NOS
5	SEM-II	UNIT-5 CHAPTER-5	REDOX REACTION & CLASS TEST	MAY	12 NOS 1 NOS	8 NOS	21 NOS
6	SEM-II	UNIT-6 CHAPTER-6	REDOX REACTION	JUNE	8 NOS	1 NOS	9 NOS

Manish
23/12/20

Prakash
23/12/20

SEMESTER-III(HONOURS)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Gulbuddin Hekmatyar, State Aided College Teacher

CHEMISTRY: CBCS: HONOURS: SEMESTER - III, 2020-2021

Sl. NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-III	CEMHT-6 CEMHP-6	CHEMICAL BONDING-I	JULY	16 Nos	4 Nos	20Nos
2	SEM-III	CEMHT-6 CEMHP-6	CHEMICAL BONDING-I & CHEMICAL BASE REACTIONS BONDING-II	AUGUST	12 Nos	8 Nos	20Nos
3	SEM-III	CEMHT-6 CEMHP-6	CHEMICAL BONDING-II	SEPTEMBER	12 Nos	8 Nos	20Nos
4	SEM-III	CEMHT-6 CEMHP-6	CHEMICAL BONDING-II & CLASS TEST	OCTOBER	3 Nos 1No	1 No	5Nos
5	SEM-III	CEMHT-6 CEMHP-6	RADIOACTIVITY & CLASS TEST	NOVEMBER	12 Nos 1 No	8 Nos	21Nos
6	SEM-III	CEMHT-6 CEMHP-6	RADIOACTIVITY	DECEMBER	4Nos	1No	5Nos

Gulbuddin Hekmatyar
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Gulbuddin Hekmatyar
30/6/20

SEMESTER-IV(HONOURS)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Gulshudin Hakimzai, State Aided College Teacher

CHEMISTRY CBCS HONOURS SEMESTER-IV, 2020-2021

SL NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-IV	CEMHT-9 CEMHP-9	METALLURGY	JANUARY	16 Nos	8Nos	24Nos
2	SEM-IV	CEMHT-9 CEMHP-9	CHEMISTRY OF s AND p BLOCK ELEMENTS	FEBRUARY	12Nos	8Nos	20Nos
3	SEM-IV	CEMHT-9 CEMHP-9	NOBLE GASES AND CLASS TEST	MARCH	11 Nos 1 No	8 Nos	20Nos
4	SEM-IV	CEMHT-9 CEMHP-9	INORGANIC POLYMERS	APRIL	12 Nos	8 Nos	20Nos
5	SEM-IV	CEMHT-9 CEMHP-9	COORDINATION CHEMISTRY-I	MAY	10Nos	8 Nos	18Nos
6	SEM-IV	CEMHT-9 CEMHP-9	COORDINATION CHEMISTRY-I AND CLASS TEST	JUNE	2Nos 1 No	NIL	3Nos

Gulshudin Hakimzai

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Gulshudin Hakimzai
23/12/20



SEMESTER-I(GENERAL)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Course/Office: In-charge, State Aided College Teacher

CHEMISTRY, CBCS, GENERAL SEMESTER I, 2020-2021

Sl No	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-I	CEMGT-1 CEMGP-1	ATOMIC STRUCTURE	JULY	5Nos	1No	6Nos
2	SEM-I	CEMGT-1 CEMGP-1	ATOMIC STRUCTURE & CHEMICAL PERIODICITY	AUGUST	4Nos	1No	5Nos
3	SEM-I	CEMGT-1 CEMGP-1	CHEMICAL PERIODICITY	SEPTEMBER	4Nos	2Nos	6Nos
4	SEM-I	CEMGT-1 CEMGP-1	ACIDS AND BASES & CLASS TEST	OCTOBER	4No 1No	1No	6Nos
5	SEM-I	CEMGT-1 CEMGP-1	ACIDS AND BASES & REDOX REACTIONS & CLASS TEST	NOVEMBER	4Nos 1No	2Nos	7Nos
6	SEM-I	CEMGT-1 CEMGP-1	REDOX REACTIONS	DECEMBER	2Nos	1No	3Nos

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SEMESTER-II(GENERAL)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Gulshadin Hekmatyar, State Aided College Teacher

CHEMISTRY: CBCS- GENERAL SEMESTER II, 2020-2021

Sl. NO.	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1.	SEM-II	CEMGT-2 CEMGP-2	IONIC BONDING	JANUARY	5Nos	1Nos	6Nos
2.	SEM-II	CEMGT-2 CEMGP-2	COVALENT BONDING	FEBRUARY	4Nos	2Nos	6Nos
3.	SEM-II	CEMGT-2 CEMGP-2	COVALENT BONDING AND CONCEPT OF RESONANCE	MARCH	4Nos	2Nos	7Nos
4.	SEM-II	CEMGT-2 CEMGP-2	M/S APPROACH	APRIL	3Nos	NIL	3Nos
5.	SEM-II	CEMGT-2 CEMGP-2	P-BLOCK ELEMENTS	MAY	4Nos	2Nos	7Nos
6.	SEM-II	CEMGT-2 CEMGP-2	P-BLOCK ELEMENTS	JUNE	3Nos	1No	4Nos

Gulshadin Hekmatyar
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SEMESTER-IV(GENERAL)

LESSON PLAN FOR ACADEMIC SESSION 2020-2021

Gulruddin Hekmatyar, State Aided College Teacher

CHEMISTRY: CBCS: GENERAL SEMESTER-IV: 2020-2021

SL NO	SEMESTER	UNIT	SUB UNIT	MONTH	THEORY CLASSES	PRACTICAL CLASSES	TOTAL CLASSES
1	SEM-IV	CEMGT-4 CEMGP-4	CHEMICAL ANALYSIS	JANUARY	5 Nos	1 Nos	6Nos
2	SEM-IV	CEMGT-4 CEMGP-4	CHEMICAL ANALYSIS	FEBRUARY	4Nos	2Nos	6Nos
3	SEM-IV	CEMGT-4 CEMGP-4	ENVIRONMENTAL CHEMISTRY & CLASS TEST	MARCH	4Nos 1 No	2Nos	7Nos
4	SEM-IV	CEMGT-4 CEMGP-4	ENVIRONMENTAL CHEMISTRY	APRIL	3Nos	1Nos	4Nos
5	SEM-IV	CEMGT-4 CEMGP-4	ENVIRONMENTAL CHEMISTRY	MAY	4Nos	2Nos	6Nos
6	SEM-IV	CEMGT-4 CEMGP-4	THE LITHOSPHERE & CLASS TEST	JUNE	2Nos 1No	1No	4Nos

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