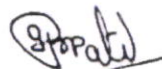


S. S. M. M. Arts, Science and Commerce College, Pachora

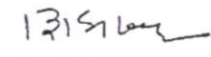
Time Table 2023-2024

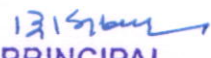
	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.30	F.Y.B.Sc	Comp (P.M.J)	Comp (P.M.J)	Comp (P.M.J)	Comp (SPP)	Comp (SPP)	Comp (SPP)
	S.Y.B.Sc	Eng/Mar (R.R.P/W.S.W)	Eng/Mar (R.R.P/W.S.W)	Eng/Mar (R.R.P/W.S.W)	Eng/Mar (R.R.P/W.S.W)		
	T.Y.B.Sc						
10	F.Y.B.Sc	Zoo (P.L.R)	Zoo (P.L.R)	Zoo (P.L.R)	Zoo/Math (P.L.R/V.S.M)	Zoo/Math (P.L.R/V.S.M)	Zoo/Math (P.L.R/V.S.M)
	S.Y.B.Sc	Comp (SPP)	Comp (SPP)	Comp/Chem(Sp) (SPP/A.S.P)	Comp/Chem(Sp) (P.M.J/A.S.P)	Comp (P.M.J)	Comp (P.M.J)
	T.Y.B.Sc	P/C/CH (A.S.G/A.P.M/A.S.P)	P/C/CH (A.S.G/A.P.M/A.S.P)	P/C/CH (A.S.G/A.P.M/S.E.D)	P/C/CH (A.S.G/A.P.M/S.E.D)	P/C/CH (A.S.G/A.P.M/S.E.D)	P/C/CH (A.S.G/A.P.M/P.V.D)
10	F.Y.B.Sc	Phy (S.B.P)	Phy (S.B.P)	Phy (S.B.P)	Phy (A.S.G)	Phy (A.S.G)	Phy (A.S.G)
	S.Y.B.Sc	Phy/Bot (A.S.G/V.J.K)	Phy/Bot (A.S.G/V.J.K)	Phy/Bot (A.S.G/V.J.K)	Phy/Bot (S.T.S/(J.Y.M)	Phy/Bot (S.T.S/(J.Y.M)	Phy/Bot (S.T.S/(J.Y.M)
	T.Y.B.Sc	P/C/CH/B (S.T.S/P.M.J/P.V.D/S.D.D)	P/C/CH/B (S.T.S/P.M.J/P.V.D/S.D.D)	P/C/CH/B (S.T.S/P.M.J/S.D.S/S.D.D)	P/C/CH/B (S.B.P/P.M.J/S.D.S/S.D.D)	P/C/CH/B (S.B.P/P.M.J/P.V.D/S.D.D)	P/C/CH/B (S.B.P/P.M.J/P.V.D/S.D.D)
10	F.Y.B.Sc	Bot/Math (J.Y.M/V.S.M)	Bot/Math (J.Y.M/V.S.M)	Bot/Math (J.Y.M/V.S.M)	Bot/Math (V.J.K/V.S.M)	Bot/Math (V.J.K/V.S.M)	Bot/Math (V.J.K/V.S.M)
	S.Y.B.Sc	Chem/ Comp (A.S.P/S.D)	Chem/ Comp (A.S.P/S.D)	Chem/ Comp (S.E.D/S.D)	Chem/ Comp (S.E.D/P.M.J)	Chem/ Comp (S.D.S/P.M.J)	Chem/Comp (S.D.S/P.M.J)
	T.Y.B.Sc	P/C/CH/B (S.T.S/S.P.P/S.D.S/S.D.D)	P/C/CH/B (S.T.S/S.P.P/S.D.S/S.D.D)	P/C/CH/B (S.T.S/S.P.P/ASP/V.J.K)	P/C/CH/B (S.T.S/S.P.P/ASP/V.J.K)	P/C/CH/B (S.T.S/S.P.P/ASP/V.J.K)	P/C/CH/B (S.T.S/S.P.P/ASP/V.J.K)
10	F.Y.B.Sc	Chem (P.V.D)	Chem (P.V.D)	Chem (S.D.S)	Chem (S.D.S)	Chem (S.E.D)	Chem (S.E.D)
	S.Y.B.Sc	Zoo/Math (P.L.R/M.C.G)	Zoo/Math (P.L.R/M.C.G)	Zoo/Math (P.L.R/M.C.G)	Zoo/Math (P.L.R/M.C.G)	Zoo/Math (P.L.R/M.C.G)	Zoo/Math (P.L.R/M.C.G)
	T.Y.B.Sc	P/C/CH/B (S.B.P/S.P.P/S.D.S/J.Y.M)	P/C/CH/B (S.B.P/S.P.P/S.D.S/J.Y.M)	P/C/CH/B (A.S.G/P.M.J/S.E.D/P/J.Y.M)	P/C/CH/B (A.S.G/P.M.J/S.E.D/V.J.K)	P/C/CH/B (A.S.G/A.P.M/P.V.D/V.J.K)	P/C/CH/B (S.T.S/A.P.M.P.V.D./J.Y.M)
10	F.Y.B.Sc	Stat (M.C.G)	Stat (M.C.G)	Stat (M.C.G)	Stat (V.S.M)	Stat (V.S.M)	Stat (V.S.M)
	S.Y.B.Sc	Phy(Sp)/Zoo(Sp) (S.B.P/P.L.R)	Phy(Sp)/Zoo(Sp) (S.B.P/P.L.R)	Bot(Sp)/Comp(Sp) (S.R.T/A.P.J)	Bot(Sp)/Comp(Sp) (S.R.T/A.P.J)	Math(Sp) (M.C.G)	Math(Sp) (M.C.G)
	T.Y.B.Sc	Bot (J.Y.M)	Bot (J.Y.M)	Bot (J.Y.M)	Bot (J.Y.M)	Bot (V.J.K)	Bot (V.J.K)
10	F.Y.B.Sc	Break for the 20 Minutes					
	S.Y.B.Sc					Eng/Mar (R.R.P/S.B.P)	Eng/Mar (R.R.P/S.B.P)
	T.Y.B.Sc						
10	J.30	Practical Onwards F.Y.B.Sc/S.Y.B.Sc/T.Y.B.Sc					


(Co-ordinator)
Dr. Sharad B. Patil


Co-ordinator
 Internal Quality Assurance Cell (IQAC)
 S.S.M.M College, Pachora Dist-Jalgaon




PRINCIPAL
Shri. Sheth Murlidharji Mansingka
 Arts, Science & Commerce College
 PACHORA - 424201 Dist. Jalgaon


PRINCIPAL
Shri. Sheth Murlidharji Mansingka
 Arts, Science & Commerce College
 PACHORA - 424201 Dist - Jalgaon

INTERNAL EXAMINATION TIME TABLE
2023-2024

Date-29-09-2023

All the students in FYBSc of science faculty are hereby noticed that the Internal Test-I & II Examination of 20 Marks each, be conducted in TWO PHASES in between regular lectures according to following time table.

Internal-I			Internal-II			Class Room
Date	Time	Subject	Date	Time	Subject	Class Room
04/09/2023	07.30AM-08.15AM	Comp-I	09/10/2023	07.30AM-08.15AM	Comp-I	Lectures room
05/09/2023	07.30AM-08.15AM	Comp-II	10/10/2023	07.30AM-08.15AM	Comp-II	Lectures room
06/09/2023	08.15AM-09.00AM	Zoo-I	11/10/2023	08.15AM-09.00AM	Zoo-I	Lectures room
07/09/2023	08.15AM-09.00AM	Zoo-II / Math-III	12/10/2023	08.15AM-09.00AM	Zoo-II / Math-III	Lectures room
08/09/2023	09.00AM-09.45AM	Phy-I	13/10/2023	09.00AM-09.45AM	Phy-I	Lectures room
09/09/2023	09.00AM-09.45AM	Phy-II	14/10/2023	09.00AM-09.45AM	Phy-II	Lectures room
11/09/2023	09.45AM-10.30AM	Bot-I / Math-I	16/10/2023	09.45AM-10.30AM	Bot-I / Math-I	Lectures room
12/09/2023	09.45AM-10.30AM	Bot-II / Math-II	17/10/2023	09.45AM-10.30AM	Bot-II / Math-II	Lectures room
13/09/2023	10.30AM-11.15AM	Chem-I	18/10/2023	10.30AM-11.15AM	Chem-I	Lectures room
14/09/2023	10.30AM-11.15AM	Chem-II	19/10/2023	10.30AM-11.15AM	Chem-II	Lectures room
15/09/2023	11.15AM-12.00PM	Stat-I	20/10/2023	11.15AM-12.00PM	Stat-I	Lectures room
16/09/2023	11.15AM-12.00PM	Stat-II	21/10/2023	11.15AM-12.00PM	Stat-II	Lectures room
18/09/2023	12.00PM-12.45PM	Eng/Mar/Hin	23/10/2023	12.00PM-12.45PM	Eng/Mar/Hin	Lectures room

- Note – 1) Internal Practical examination will be conducted during the time of practicals, after completion of all regular practicals.
2) Test is Compulsory for all students.
3) Students must follow the time table.

[Signature]

[Signature]
S.S.P. Arts, Science & Commerce College
Pachora-424201, Dist. Jalgaon

[Signature]
श्री.शेठ मुरलधरजी मारसिंगका
साहित्य, विज्ञान व वाणिज्य महाविद्यालय
पाचोरा-४२४२०१ जि.जळगाव

[Signature]
PRINCIPAL

Shri. Sheth Murlidharji Mansingka
Arts, Science & Commerce College
PACHORA - 424201 Dist. Jalgaon

INTERNAL EXAMINATION TIME TABLE

2023-2024

Date-29-09-2023

All the students in SYBSc of science faculty are hereby noticed that the **Internal Test-I & II Examination** of 20 Marks each, be conducted in **TWO PHASES** in between regular lectures according to following time table.

Internal-I			Internal-II			Class Room
Date	Time	Subject	Date	Time	Subject	Class Room
04/09/2023	09.00AM -09.45AM	Phy-I / Bot-I	09/10/2023 3	09.00A M- 09.45AM	Phy-I / Bot-I	Lecture s room
05/09/2023	09.00AM -09.45AM	Phy-II /Bot-II	10/10/2023	09.00A M- 09.45AM	Phy-II /Bot-II	Lectures room
06/09/2023	09.45AM - 10.30AM	Chem-I/Comp-I	11/10/2023	09.45A M- 10.30A M	Chem-I/Comp- I	Lectures room
07/09/2023	09.45AM - 10.30AM	Chem-II/Comp- II	12/10/2023	09.45A M- 10.30A M	Chem- II/Comp-II	Lectures room
08/09/2023	10.30A M- 11.15AM	Zoo-I/Math-I	13/10/2023	10.30A M- 11.15A M	Zoo-I/Math-I	Lectures room
09/09/2023	10.30A M- 11.15AM	Zoo-II/Math-II	14/10/2023	10.30A M- 11.15A M	Zoo-II/Math-II	Lectures room
11/09/2023	11.15A M- 12.00PM	All Special Sub Math-III/ Phy/Chem/Bot	16/10/2023	11.15A M- 12.00PM	All Special Sub Math-III/ Phy/Chem/Bot	Lectures room
12/09/2023	07.30AM -08.15AM	Eng/Mar/Hin	17/10/2023	07.30A M- 08.15AM	Eng/Mar/Hin	Lectures room

Note – 1) Internal Practical examination will be conducted during the time of practicals, after completion of all regular practicals.

2) Test is Compulsory for all students.

3) Students must follow the time table.

[Signature]

[Signature]
C.A. DIRECTOR
S.S.M. Arts, Science &
Commerce College
Pachora-424201, Dist. Jalgaon

[Signature]

12/10/2023
PRINCIPAL
Shri. Sheth Murlidharji Mansingka
Arts, Science & Commerce College
PACHORA - 424201 Dist - Jalgaon

INTERNAL EXAMINATION TIME TABLE

2023-2024

Date-29-09-2023

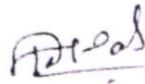
All the students in TYBSc of science faculty are hereby noticed that the **Internal Test I & II Examination** of 20 Marks each, be conducted in **TWO PHASES** in between regular lectures according to following time table.

Internal-I			Internal-II			Class Room
Date	Time	Subject	Date	Time	Subject	Class Room
04/09/2023	08.15A M- 09.00AM	Che/Phy/Bot/ Comp-501	09/10/2023	08.15A M- 09.00A M	Che/Phy/Bot/ Comp-501	Lecture s room
05/09/2023	09.00AM -09.45AM	Che/Phy/Bot/ Comp-502	10/10/2023	09.00A M- 09.45AM	Che/Phy/Bot/ Comp-502	Lectures room
06/09/2023	09.45AM - 10.30AM	Che/Phy/Bot/ Comp-503	11/10/2023	09.45A M- 10.30A M	Che/Phy/Bot/ Comp-503	Lectures room
07/09/2023	10.30A M- 11.15AM	Che/Phy/Bot/ Comp-504	12/10/2023	10.30A M- 11.15A M	Che/Phy/Bot/ Comp-504	Lectures room
08/09/2023	09.00AM -09.45AM	Che/Phy/Bot/ Comp-505	13/10/2023	09.00A M- 09.45AM	Che/Phy/Bot/ Comp-505	Lectures room
09/09/2023	09.45AM - 10.30AM	Che/Phy/Bot/ Comp-506	14/10/2023	09.45A M- 10.30A M	Che/Phy/Bot/ Comp-506	Lectures room

- Note – 1) Internal Practical examination will be conducted during the time of practicals, after completion of all regular practicals.
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 3) Students must follow the time table.



C.A.T. DIRECTOR
 S.S.Mansingka Science &
 Commerce College
 Pachora-424201, Dist. Jalgaon


 प्राचार्य
 श्री शैल मुरलीधरजी मानसिंगका
 साहित्य, विज्ञान व वाणिज्य महाविद्यालय
 पाचोरा-४२४२०१ जि. जलगांव

PRINCIPAL

Shri. Sheth Murlidharji Mansingka
 Arts, Science & Commerce College
 PACHORA - 424201 Dist - Jalgaon

INTERNAL EXAMINATION NOTICE 2023-2024

Date-06-02-2024

(Sem - II)

All the students in **FYBSc** of science faculty are hereby noticed that the **Internal Test Examination I and II** each of 20 Marks be conducted according to following time table.

Date	Time	Subject	Time	Subject	Class Room
		Test-I		Test-II	
12/02/2024	08.00AM-08.45AM	Phy-I	08.45AM-09.30AM	Phy-I	3
	09.45AM-10.30AM	Phy-II	10.30AM-11.15AM	Phy-II	3
13/02/2024	08.00AM-08.45AM	Bot-I /Comp-I	08.45AM-09.30AM	Bot-I /Comp-I	3
	09.45AM-10.30AM	Bot-II /Comp-II	10.30AM-11.15AM	Bot-II /Comp-II	3
14/02/2024	08.00AM-08.45AM	Chem-I/Stat-I	08.45AM-09.30AM	Chem-I/Stat-I	3
	09.45AM-10.30AM	Chem-II/Stat-II	10.30AM-11.15AM	Chem-II/Stat-II	3
15/02/2024	08.00AM-08.45AM	Zoo-I	08.45AM-09.30AM	Zoo-I	3
	09.45AM-10.30AM	Zoo-II	10.30AM-11.15AM	Zoo-II	3
16/02/2024	08.00AM-08.45AM	Math-I	08.45AM-09.30AM	Math-I	3
	09.45AM-10.30AM	Math-II	10.30AM-11.15AM	Math-II	3
17/02/2024	08.00AM-08.45AM	Math-III	08.45AM-09.30AM	Math-III	3
	09.45AM-10.30AM	English/Marathi/Hindi / Environmental Studies	10.30AM-11.15AM	English/Marathi/Hindi /Environmental Studies	3

- Note – 1) Internal Practical examination will be conducted during the time of practicals, after completion of all regular practicals.
 2) Test is Compulsory for all students .
 3) Students must follow the time table.


Exam Co-Ordinator


Exam Chairman

Principal


PRINCIPAL
Shri. Sheth Murlidharji Mansingka
Arts, Science & Commerce College
PACHORA - 424201 Dist - Jalgaon

INTERNAL EXAMINATION NOTICE 2023-2024


Date-06-02-2024

(Sem - IV)

All the students in **SYBSc** of science faculty are hereby noticed that the **Internal Test Examination I and II** each of 20 Marks be conducted according to following time table.



Date	Time	Subject	Time	Subject	Class Room
		Test-I		Test-II	
12/02/2024	09.00AM-09.45AM	Phy-I/Bot-I	10.00AM-10.45AM	Phy-I/Bot-I	4&5
	11.00AM-11.45AM	Phy-II/Bot-II	12.00AM-12.45AM	Phy-II/Bot-II	4&5
13/02/2024	09.00AM-09.45AM	Chem-I/Comp-I	10.00AM-10.45AM	Chem-I/Comp-I	4&5
	11.00AM-11.45AM	Chem-II/Comp-II	12.00AM-12.45AM	Chem-II/Comp-II	4&5
	11.45AM-12.30AM	All Subject Paper-IV	12.30AM-01.15AM	All Subject Paper-IV	4&5
14/02/2024	07.00AM-08.15AM	English/Marathi	08.15AM-09.00AM	English/Marathi	4&5
	09.00AM-09.45AM	Zoo-I/Math-I	10.00AM-10.45AM	Zoo-I/Math-I	4&5
	11.00AM-11.45AM	Zoo-II/Math-II	12.00AM-12.45AM	Zoo-II/Math-II	4&5

- Note – 1) Internal Practical examination will be conducted during the time of practicals, after completion of all regular practicals.
 2) Test is Compulsory for all students .
 3) Students must follow the time table.


Exam Co-Ordinator


Exam Chairman

Principal


PRINCIPAL
Shri. Sheth Murlidharji Mansingka
Arts, Science & Commerce College
PACHORA - 424201 Dist - Jalgaon

PRINCIPAL
Shri. Sheth Murlidharji Mansingka
Arts, Science & Commerce College
PACHORA - 424201 Dist - Jalgaon

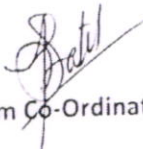
INTERNAL EXAMINATION NOTICE 2023-2024

Date-06-02-2024

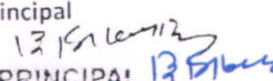
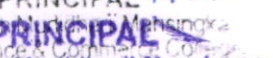
All the students in ^(sem-VI) TYBSc of science faculty are hereby noticed that the **Internal Test Examination I and II** each of 20 Marks be conducted according to following time table.

Date	Time	Subject	Time	Subject	Class Room
		Test-I		Test-II	
12/02/2024	09.00AM-09.45AM	Chem-I/Phy-I/ Bot-I /Comp-I	10.00AM-10.45AM	Chem-I/Phy-I/ Bot-I /Comp-I	Department/ Chemistry-19
	11.00AM-11.45AM	Chem-II/Phy-II/ Bot-II/Comp-II	12.00AM-12.45AM	Chem-II/Phy-II/ Bot-II/Comp-II	Department/ Chemistry-19
13/02/2024	09.00AM-09.45AM	Chem-III/Phy-III/ Bot-III /Comp-III	10.00AM-10.45AM	Chem-III/Phy-III/ Bot-III /Comp-III	Department/ Chemistry-19
	11.00AM-11.45AM	Chem-IV/Phy-IV/ Bot-IV /Comp-IV	12.00AM-12.45AM	Chem-IV/Phy-IV/ Bot-IV /Comp-IV	Department/ Chemistry-19
14/02/2024	09.00AM-09.45AM	Chem-V/Phy-V/ Bot-V /Comp-V	10.00AM-10.45AM	Chem-V/Phy-V/ Bot-V /Comp-V	Department/ Chemistry-19
	11.00AM-11.45AM	Chem-VI/Phy-VI/ Bot-VI /Comp-VI	12.00AM-12.45AM	Chem-VI/Phy-VI/ Bot-VI /Comp-VI	Department/ Chemistry-19

- Note – 1) Internal Practical examination will be conducted during the time of practicals, after completion of all regular practicals.
 2) Test is Compulsory for all students .
 3) Students must follow the time table.


Exam Co-Ordinator


Exam Chairman

Principal

 PRINCIPAL

PRINCIPAL
 Shri. Sheela Mahalinga
 Arts, Science & Commerce College
 Shri. Sheela Mahalinga Mansingka
 Arts, Science & Commerce College
 PACHORA - 424201 Dist - Jalgaon

Second Internal Examination OCT-2023

Class: FYBSc SEM II Test 1

Max. Marks: 20

Subject: CH 201: Physical and Inorganic Chemistry

- Q1 Select the most appropriate alternative and rewrite the sentence. 10
- 1] Liquid drop acquires spherical shape due to ...
a) Force of attraction b) Density c) Surface tension d) capillary action
 - 2] Viscosity can be determined by
a) Pyknometer b) Ostwald's Viscometer c) Stalagmometer d) Eudiometer
 - 3] The formula for the determination of surface tension by capillary rise method is
a) $\gamma = 2 h r d g$ b) $\gamma = h r^2 d g$ c) $\gamma = h r d g / 2$ d) None of these
 - 4] Surface tension can be determined by...
a) Pyknometer b) Ostwald's Viscometer c) Stalagmometer d) Eudiometer
 - 5] The cleaning action of soap and detergent is due to ...
a) Viscosity b) Osmosis c) Surface tension d) effusion
- Q2 Answer any five of the following 10
- 1] Define a) coefficient of Viscosity b) Relative viscosity
 - 2] Which are the factors affecting on Viscosity?
 - 3] Define surface tension. Give its unit
 - 4] What is Dipole dipole interaction? Explain.
 - 5] Why Qualitative analysis is performed?
 - 6] What is precipitate
 - 7] What is mean by wet test?
 - 8] What is solubility product?



13/1/2023

PRINCIPAL

Shri. Sheth Murlidharji Mansingka
Arts, Science & Commerce College
PACHORA - 424201 Dist - Jalgaon

SSMM ARTS, COMMERCE AND SCIENCE COLLEGE

S.Y.B.Sc

SUBJECT: ORGANIC and INORGANIC CHEMISTRY, SUBJECT CODE: CH-402
IInd INTERNAL EXAM SEM- VI

Q.1 MCQ.....(any five)

Marks 5

- Hetero-nuclear diatomic molecule contains
 - two atoms of same elements
 - two atoms of different elements
 - three atoms of same elements
 - three atoms of different elements
- According to MOT, molecule is formed by ...
 - sharing of electrons between atoms
 - linier combination of atomic orbitals (LCAO)
 - hybridisation of atomic orbitals
 - transfer of electrons between combining atoms
- Bond order of molecule is calculated by formula
 - $N_a - N_b + 2$
 - $N_b - N_a + 2$
 - $N_a + N_b + 2$
 - $N_b - N_a + 3$
- Molecule or ion is stable or exist if...
 - $N_a = N_b$
 - $N_a > N_b$
 - $N_a < N_b$
 - $N_a \leq N_b$
- According to M.O.T He_2 molecule does not exist this is because.
 - $N_a = N_b$
 - $N_a > N_b$
 - $N_a < N_b$
 - $N_a \leq N_b$
- According to molecular orbital theory B_2 molecule is...
 - diamagnetic, b. paramagnetic, c. ferromagnetic, d. all of above

Q.2 Any three

Marks 12

- Short note on S-S and S-P combination of atomic orbitals
- Write difference between bonding and anti-bonding molecular orbitals
- Draw MOT diagram for B_2 molecule
- Write difference between atomic orbital and molecular orbitals

Q.3 Draw MOT diagram for H_2 molecule, calculate bond order and stabilization energy

Marks 3

13/5/2022
PRINCIPAL

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Pachora Taluka Co-Operative Education Society
Shri. Sheth Murlidharji Mansingka Arts, Science & Commerce
College, Pachora Dist. Jalgaon

Test - 2 - March 2023

Subject - Organic & Inorganic Chemistry

Std. - SYBSc

CH-402 (IV Semester)

Time - 45 Min. Marks - 20

Q.1 MCQ's Attempt **Any four** of the following [4M]

1) An organo metallic compound containsbond.

1) C-O b) C-N c) C-H d) C-M

2) The metal is -----in organo-metallic compound

a) Electronegativity b) Electropositive c) Neutral d) None of these

3) Carbon in organo metallic compound acts as -----

1) Carbene 2) Carbonium c) Carbanion d) Carbon free radical

4) Reaction of methyl magnesium bromide with ethylene produce alkanes?

a) 2-propanol b) 1-propanol c) 1-butanol d) All of these

Q.2 Attempt **Any four** of the following [16M].

1) Discuss preparation of organo lithium compounds?

2) Discuss preparation of organo Magnesium compounds?

3) Discuss preparation of organo copper compounds?

4) Write notes on Reformatsky reaction.

5) Give preparation of alkanes from lithium dialkyl cuprate.

12/5/23
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Test - II – March 2024

Subject – Analytical Chemistry

Std. – TYBSc

CH-607(VI Semester)

Time – 45 Min. Marks – 20

Q.1 MCQ's Attempt Any four of the following [4M].

1) Which of the following detector give concentration dependent signals

- a) Electron Capture Detector b) Thermal Conductivity detector c) Beta ray detector d) All of these

2) Retention time value is used for Analysis

- a) Quantitative analysis b) qualitative analysis c) both a and b d) None

3) In ion exchange chromatography the ion exchange between resin solutions is

- a) Irreversible b) reversible c) both a and b d) none of these

4) TGA means

- a) Thermo gravimetric analysis b) Thermal Gravimetric analysis

- c) Thermo geological analysis d) Thermal geological analysis

Q. 2 – Write short note on any Four (12M)

1) Give application of :- a) TGA b) DTA c) DSC

2) Differentiate between DTA and TGA. Explain the term heat flux DSC.

3) Explain in brief cation and anion exchanger with suitable example.

4) Explain the mechanism of ion exchange across the resin and solution.

5) Give block diagram of HPLC instrument. Explain various components of it



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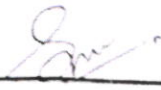
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M.M. Arts, Science & Commerce College, PACHORA(Jalgaon)

REPORT ON MARKS OBTAINED BY CANDIDATES AT N.M.U. EXAMINATIONS 20 24

Examination: T.Y.B.Sc. Sem-V Internal Exam-2024 Date: 26/3/2024
 Class: T.Y.B.Sc. Subject code CH-601 Subject CH-601 & Physical Chemistry

Sr. No.	Examination Seat No.	Name of the Candidate	Marks		TOTAL (40)
			Test_I (20)	Test_II (20)	
1		Chakradhar Ravindra Jadhav	19	18	37
2		Virendrasing S. Nikumbh	16	18	34
3		Neha Bhagwan Nikumbh	18	18	36
4		Payal Jayendra Tambe	18	17	35
5		Pragati Raju Kale	15	18	33
6		Sana Sayyad Yunus Manyar	14	16	30
7		Ankita Ashok Chauthe	14	16	30
8		Priti Dattu Jadhav	15	14	29
9		Harshala Prakash Ubhale	16	19	35
10		Priti Dipak Patil	18	18	36
11		Nilesh Subhash Dhangar	12	11	23
12		Umesh Suresh Birkhade	15	14	29
13		Akash Bajirao Patil	14	15	29
14		Pawan Bhagwan Asarwal	15	09	24
15		Ritesh Arun Waghe	14	11	25
16		Krushna Janardan Gavli	13	11	24
17		Nikita Laxman Mahajan	14	14	28
18		Devyani Vijay Mahajan	13	14	27
19		Anuradha Jinkar Patil	14	15	29
20		Sakshi Harish Suryawanshi	10	16	26
21		Riya Pralhad Mahajan	11	17	28
22		Desale Pratiksha Vijandip	13	18	31
23		Patil Savita Kiran	13	17	30
24		Harshada Pramod Jain	15	13	28
25		Kalyani Dipak Chaudhari	14	14	28
26		Tejaswini Bhalemo Patil	13	14	27
27		Gayatri Pravin More	16	13	29
28		Shubhangi Anil Patil	16	13	29
29		Vishakha Satish Patil	15	12	27
30		Neha Sanjay Mahajan	16	14	30
31		Pranali Sunil More	13	19	32
32		Ankita Shalish Patil	19	17	36
33		Mayuri Banda Patil	19	13	32
34					
35					


 Name and Signature of J.C. Supervisor
 Internal Quality Assurance Cell (IQAC)
 S.S.M.M College, Pachora Dist-Jalgaon


 Name and Signature of Sr. Supervisor
PRINCIPAL
 Shri. Sheth Murlidharji Mansingka
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 PACHORA - 394201 Dist - Jalgaon

PACHORA TALUKA CO-OPERATIVE EDUCATION SOCIETY'S

Affiliated to North Maharashtra University, Jalgaon (M.S.)

Established in 1978

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साहित्य, विज्ञान व वाणिज्य महाविद्यालय,
पाचोरा जि. जळगांव



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The following staff members are entrusted with the administration and academic work as shown against their names for the academic year (2023-24)

College Examination & Unfair means Committee:

Sr. No.	Name of Examination Committee	Post
1	Prof. Dr. K. S. Ingale(ARTS FACULTY)	Chairman
2	Prof. Y. B. Puri (COMMERCE FACULTY)	Member
3	Prof. A. S. Patil(SCIENCE FACULTY)	Member
4	Mr. S. N. Mahajan	Member
5	Mr. R. S.Kadam	Member


Chairman
Criterion -II
Teaching-Learning & Evaluation



13/12/23
PRINCIPAL
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