LATE RAMESH WARPUDKAR ACS COLLEGE SONPETH DIST. PARBHANI
CERTIFICATE COURSE IN CHEMISTRY
APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)
Students List (2023-24)

SN	Name of Student	Signature
1	MEGHA SADASHIV KURUDE	
2	VAISHNAVI KESHAV PANCHAL	
3	SHUBHANGI DATTATRAY KADAM	
4	NIKITA RADHAKISHAN SHINDE	
5	RIYA PAREMESHWAR GHODKE	
6	SOFIYA JAKER SHAIKH	
7	VISHAL LAHUDAS SALVE	
8	ROHAN RADHESHYAM GHUGE	
9	OMKAR BALASAHEB PANCHAL	
10	TEJAS RAMESHWAR KHODAVE	

Course Coordinator

Head
HEAD
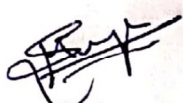Dept. Of Chemistry
L.R.W. (ACS) College, Sonpeth

Principal
Principal
Late.Ramesh Warpudkar
Arts, Commerce & Science College
Sonpeth Dist.Parbhani

LATE RAMESH WARPUDKAR ACS COLLEGE SONPETH DIST. PARBHANI
CERTIFICATE COURSE IN CHEMISTRY
APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)
Mark List (2023-24)

SN	Name of Student	CA (25)	ESE (25)	Total (50)
1	MEGHA SADASHIV KURUDE	22	21	43
2	VAISHNAVI KESHAV PANCHAL	22	21	43
3	SHUBHANGI DATTATRAY KADAM	21	20	41
4	NIKITA RADHAKISHAN SHINDE	20	22	42
5	RIYA PAREMESHWAR GHODKE	20	21	41
6	SOFIYA JAKER SHAIKH	19	20	39
7	VISHAL LAHUDAS SALVE	20	21	41
8	ROHAN RADHESHYAM GHUGE	20	23	43
9	OMKAR BALASAHEB PANCHAL	19	23	42
10	TEJAS RAMESHWAR KHODAVE	21	22	43

Course Coordinator

Head
HEAD
Dept. Of Chemistry
L.R.W. (ACS) College, Sonpeth

Principal
Principal
Late Ramesh Warpudkar
Arts, Commerce & Science College
Sonpeth Dist Parbhani

HANUMAN SHIKSHAN PRASARAK MANDAL'S

LATE RAMESH WARPUDKAR (ACS) COLLEGE, SONPETH

Class _Certificate Course In Chemistry (AITC)_ Month _____2023-24._   Month Dec-23

Sr.No.	Full Name	Date													
		1	2	7	8	9	14	15	16	21	22	23	28	29	30
1	Megha Sadashiv Kurude	A	P	P	P	P	P	P	A	A	P	P	P	A	P
2	Vaishnavi Keshav Panchal	P	P	P	P	P	P	A	A	P	A	A	A	P	P
3	Shubhangi Dattatray Kadam	A	P	P	A	P	P	P	P	A	P	P	P	P	A
4	Nikita Radhakishan Shinde	P	A	P	A	P	P	A	A	A	A	P	P	P	P
5	Riya Parmeshwar Whodke	P	P	P	P	P	P	P	P	A	P	P	A	P	P
6	Sofiya Jaker Shaikh	A	P	P	A	P	P	P	P	A	P	A	P	A	P
7	Vishal Lahu Salve	A	P	A	P	P	P	A	P	A	P	P	A	P	P
8	Rohan Radhesham Inhuge	P	P	P	A	P	A	P	P	P	P	P	P	P	P
9	Omkar Balasaheb Panchal	P	P	A	P	P	P	P	P	P	P	A	P	P	P
10	Tejas Rameshwar Khodave	P	P	A	P	P	P	A	P	A	P	P	A	P	P

HEAD
Dept. Of Chemistry
L.R.W. (ACS) College, Sonpeth

PRINCIPAL
Late Ramesh Warpudkar
ACS College, Sonpeth
Dist. Parbhani (MS)

HANUMAN SHIKSHAN ...
LATE RAMESH WARPUDKAR ...

Class: Certificate Course in Chemistry

Sr.No.	Full Name	4	5	6	11	12	13	18	19	20	25	27
1	Megha Sadashiv Kurude	P	A	A	A	P	P	P	A	A	P	P
2	Vaishnavi Keshav Panchal	A	P	A	P	A	P	P	A	A	P	A
3	Shubhangi Dattatray Kadam	P	P	P	P	P	P	P	P	P	P	P
4	Nikita Radhakishan Shinde	P	A	A	A	P	P	P	P	P	P	P
5	Riya Parmeshwar Bhodke	P	P	P	A	P	P	P	A	A	P	P
6	Sofiya Jaker Shaikh	A	P	P	P	P	A	A	P	P	A	P
7	Vishal Lahu Salve	P	A	P	A	P	P	P	A	A	A	P
8	Rohan Radhesham Inhuge	P	A	P	A	P	A	P	A	P	A	P
9	Omkar Balasaheb Panchal	P	P	P	P	P	A	A	P	P	P	P
10	Tejas Rameshwar Khodave	A	P	A	P	A	P	A	P	A	P	A

LATE RAMESH WARPUDKAR

Class Certificate Course in Chemistry

Class   **Month** Feb-24

Sr.No.	Full Name		Test Practical Date						Date
			1	2	3	8	9	10	
1	Megha Sadashiv Kurude	A	P	A	P	P	P	P	
2	Vaishnavi Keshav Panchal	P	A	P	P	P	P	P	
3	Shubhangi Dattatray Kadam	A	P	A	P	A	P	P	
4	Nikita Radhakishan Shinde	P	A	P	A	P	P	P	
5	Riya Parmeshwar Bhodke	P	P	P	P	P	P	P	
6	Sofiya Jaker Shaikh	A	P	A	A	P	P	P	
7	Vishal Lahu Salve	A	P	P	P	A	P	P	
8	Rohan Radhesham Inhuge	P	A	P	P	A	P	P	
9	Omkar Balasaheb Panchal	P	A	P	A	P	P	P	
10	Tejas Rameshwar Khodave	P	A	A	P	A	P	P	

Late Ramesh Warpudkar ACS College, Sonpeth Dist.Parbhani.

Academic Year:-2023-2024

SUBJECT- CHEMISTRY

CERTIFICATE COURSE NAME – APPLICATION OF ICT TOOLS IN CHEMISTRY

To,

Principal Sir,

Late Ramesh Warpudkar ACS College,

Sonpeth Dist. Parbhani 431516

Subject: About Certificate Course Completion Year 2023-2024.
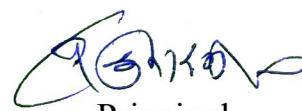
Respected sir,

As mentioned above subject ,we have conducted the certificate completion course for the **Chemistry** subject under heading '**Application of ICT Tools in Chemistry** 'during 01 January 2024 to 30 March 2024. Total 10 students participated in this course and got certified. For this course completion we have conducted 50 lectures.

So, we request please approve this course.

Course - Co-ordinator

Dr. S. M. Devraye

Principal

PRINCIPAL
Late Ramesh Warpudkar (ACS)
College, Sonpeth Dist. Parbhani

Hanuman ShikshanPrasarak Mandal's

Late Ramesh Warpudkar ACS College
Sonpeth Dist. Parbhani

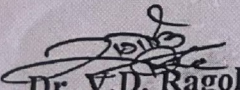Department of Chemistry

Chemistry
L.R.W. College
Sonpeth
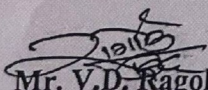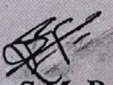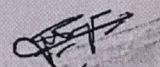
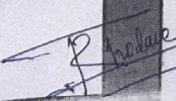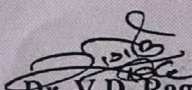CERTIFICATE COURSE IN CHEMISTRY: APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)
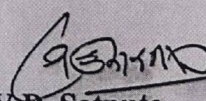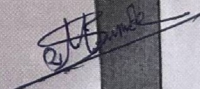
Certificate

This is to certify that Mr/ Ms .....Megha.......Sadashiv.....Kurude.................................

Class B.Sc. T.Y. has successfully completed the Certificate Course in Chemistry: Application of

ICT Tools in Chemistry offered by Department of Chemistry, Late Ramesh Warpudkar ACS

College Sonpeth Dist. Parbhani during academic year 2023 - 2024.

Mr. V.D. Ragole
Course co-ordinator
L.R.W. ACS College Sonpeth

Mr. S.M. Devraye
Head, Dept. of Chemistry
L.R.W. ACS College Sonpeth

Dr. V.D. Satpute
Principal
L.R.W. ACS College Sonpeth

Hanuman ShikshanPrasarak Mandal's

Late Ramesh Warpudkar ACS College
Sonpeth Dist. Parbhani

Department of Chemistry

Chemistry
L.R.W. College
Sonpeth
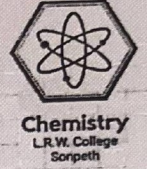
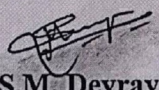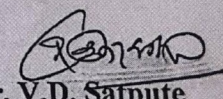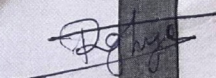CERTIFICATE COURSE IN CHEMISTRY: APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)
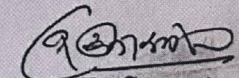
Certificate

This is to certify that Mr/ Ms .....Tejas......Rameshwar......Khodave.................................

Class B.Sc. T.Y. has successfully completed the Certificate Course in Chemistry: Application of

ICT Tools in Chemistry offered by Department of Chemistry, Late Ramesh Warpudkar ACS

College Sonpeth Dist. Parbhani during academic year 2023 - 2024 .

Dr. V.D. Ragole
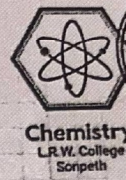Course co-ordinator
L.R.W. ACS College Sonpeth

Mr. S.M. Devraye
Head, Dept. of Chemistry
L.R.W. ACS College Sonpeth

Dr. V.D. Satpute
Principal
L.R.W. ACS College Sonpeth

Hanuman ShikshanPrasarak Mandal's
Late Ramesh Warpudkar ACS College
Sonpeth Dist. Parbhani
Department of Chemistry

Chemistry
L.R.W. College
Sonpeth

|| ज्ञानात धर्म तत: सुखम् ||

CERTIFICATE COURSE IN CHEMISTRY: APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Certificate

This is to certify that Mr/ Ms ....Rohan......Radhesham....brhuge...

Class B.Sc. T.Y. has successfully completed the Certificate Course in Chemistry: Application of

ICT Tools in Chemistry offered by Department of Chemistry, Late Ramesh Warpudkar ACS

College Sonpeth Dist. Parbhani during academic year 2023 - 2024 .

Dr. V.D. Ragole
Course co-ordinator
L.R.W. ACS College Sonpeth

Mr. S.M. Devraye
Head, Dept. of Chemistry
L.R.W. ACS College Sonpeth

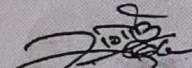**Dr. V.D. Satpute**
Principal
L.R.W. ACS College Sonpeth

Hanuman ShikshanPrasarak Mandal's
Late Ramesh Warpudkar ACS College
Sonpeth Dist. Parbhani
Department of Chemistry

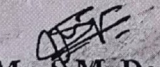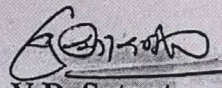**Chemistry**
L.R.W. College
Sonpeth

CERTIFICATE COURSE IN CHEMISTRY: APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Certificate

This is to certify that Mr/ Ms ...Nikita........Radhakishan.....Shinde...........................

Class B.Sc. T.Y. has successfully completed the Certificate Course in Chemistry: Application of

ICT Tools in Chemistry offered by Department of Chemistry, Late Ramesh Warpudkar ACS

College Sonpeth Dist. Parbhani during academic year 2023 - 2024 .

Dr. V.D. Ragole
Course co-ordinator
L.R.W. ACS College Sonpeth

Mr. S.M. Devraye
Head, Dept. of Chemistry
L.R.W. ACS College Sonpeth

Dr. V.D. Satpute
Principal
L.R.W. ACS College Sonpeth

Late Ramesh Warpudkar ACS College
Sonpeth Dist. Parbhani
Department of Chemistry
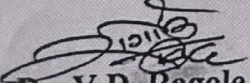
Chemistry
L.R.W. College
Sonpeth

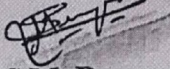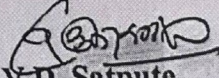CERTIFICATE COURSE IN CHEMISTRY: APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Certificate

This is to certify that Mr/ M/s .....Omkar.......Balasaheb.....Panchal..

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L.R.W. ACS College Sonpeth

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HSPM Sonpeth's

LATE RAMESH WARPUDKAR ACS COLLEGE SONPETH DIST. PARBHANI

(Affilated to Swami Ramanand Teerth Marathwada University Nanded)

DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE IN CHEMISTRY APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Academic Year 2023-24

Total Marks: 25 Marks   **Date: 9.2.2024**

Student Name: MEGHA SADASHIV KURUDE

Q2

05 ✓

Benzene

Chemical Formula: C_6H_6
Exact Mass: 78.05
Molecular Weight: 78.11
m/z: 78.05 (100.0%), 79.05 (6.5%)
Elemental Analysis: C, 92.26; H, 7.74

05

Isoniazid

Chemical Formula: $C_6H_7N_3O$
Exact Mass: 137.06
Molecular Weight: 137.14
m/z: 137.06 (100.0%), 138.06 (6.5%), 138.06 (1.1%)
Elemental Analysis: C, 52.55; H, 5.15; N, 30.64; O, 11.67

Q3

05 ✓

No. of Student

- Academic year
- No. of Students Enrolled In Examination
- Total no. of students passed
- Passing Result in %

DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE IN CHEMISTRY APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)
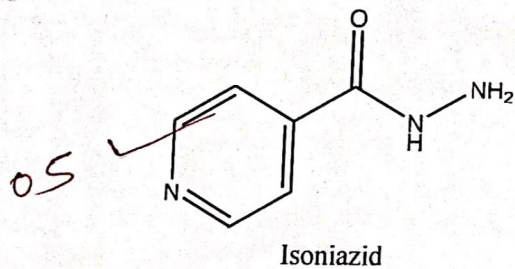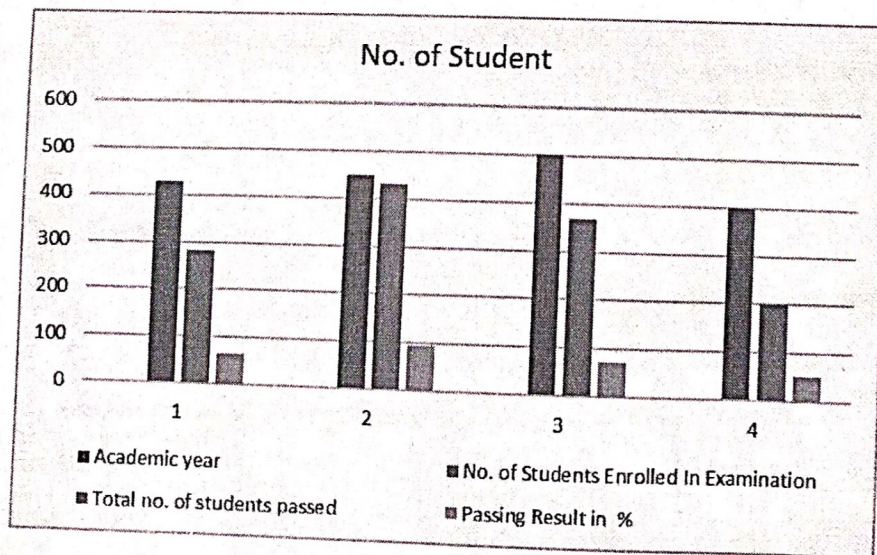
Academic Year 2023-24

Total Marks: 25 Marks

Date:

Q1 Solve the following multiple choice question
[1x10 = 10 M]

1 How can you quickly select an entire worksheet in Excel?
A Click the corner button
B Double-click a tab
C Right-click a tab
D Use a shortcut

2 What is the quickest way to resize a column to fit its contents?
A Double-click the column header
B Drag the header
C Right-click and select resize
D Use Format options

3 What feature should you use to compare two Excel sheets side by side?
A New Window
B Arrange All
C View Side by Side
D Split

4 What symbol is used to start a formula in Excel?
A @
B #
C =
D +

5 Which function would you use to calculate the average value of a range of cells?
A SUM()
B AVERAGE()
C MEAN()
D TOTAL()

6 To quickly calculate the sum of a column in Excel, which feature would you use?
A Quick Analysis Tool
B AutoSum
C Formula Tab
D All of these

7 Which one not a component of MS Excel chart?
A Plot area
B Z- axis
C Legend
D Gridlines

8 _____ are consists of the actual chart.
A Chart Area
B Data series
C Plot Area
D None

9 A spreadsheet is a software program that allows one to:
A Organize data
B Calculate answers
C Chart data
D All of the above

10 The y axis on a chart typically represents...
A The horizontal scale
B The axes titles
C The diagonal scale
D The vertical scale

Q2 Draw the structure & elemental analysis of following compounds (Any Two) [2x5 = 10 M]
a. Benzene
b. Isoniazid
c. Salicylic Acid

Q3 Show the following given data in Chart/ graphical format. [5 M]

	Academic year	No. of Students Enrolled In Examination	Total no. of students passed	Passing Result in %
1	2019-20	428	283	66.12
2	2020-21	448	432	96.42
3	2021-22	503	368	73.16
4	2022-23	400	201	50.25

DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE IN CHEMISTRY APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Academic Year 2023-24

22/25

Total Marks: 25 Marks

Date: 9/2/2024

Student Name: NIKITA RADHAKISHAN SHINDE

Q2

Benzene

Chemical Formula: C_6H_6
Exact Mass: 78.05
Molecular Weight: 78.11
m/z: 78.05 (100.0%), 79.05 (6.5%)
Elemental Analysis: C, 92.26; H, 7.74

Salicylic Acid

Chemical Formula: $C_7H_6O_3$
Exact Mass: 138.03
Molecular Weight: 138.12
m/z: 138.03 (100.0%), 139.04 (7.6%)
Elemental Analysis: C, 60.87; H, 4.38; O, 34.75

Q3

Legend:
- Academic year
- No. of Students Enrolled In Examination
- Total no. of students passed
- Passing Result in %

Values shown: 428, 283, 66.12 (group 1); 448, 432, 96.42 (group 2); 503, 368, 73.16 (group 3); 400, 201, 50.25 (group 4)

DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE IN CHEMISTRY APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)
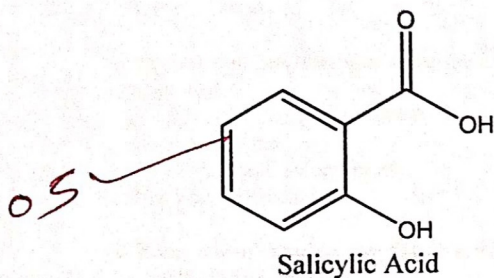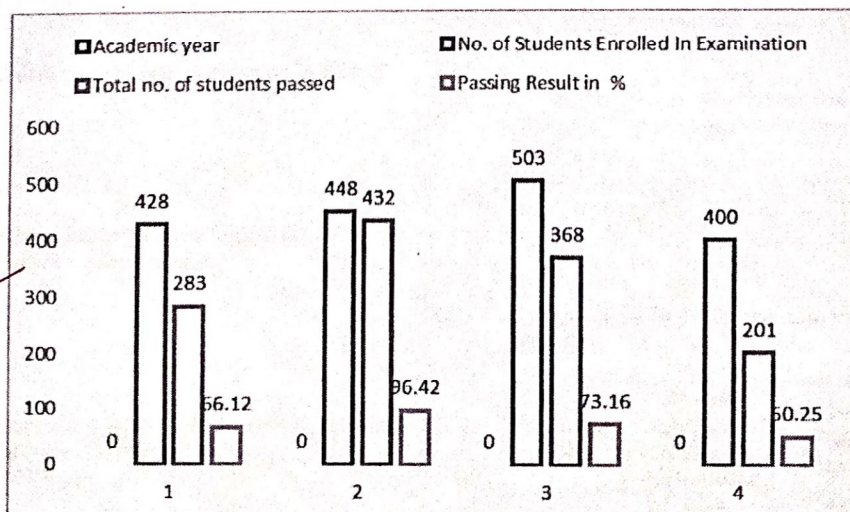
Academic Year 2023-24

Total Marks: 25 Marks   Date:

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[1x10 = 10 M]

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D   TOTAL()

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D   All of these

7   Which one not a component of MS Excel chart?
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B   Z- axis
C   Legend
D   Gridlines

8   _____ are consists of the actual chart.
A   Chart Area
B   Data series
C   Plot Area
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B   Calculate answers
C   Chart data
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C   The diagonal scale
D   The vertical scale

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c. Salicylic Acid

Q3   Show the following given data in Chart/ graphical format.   [5 M]

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07

HSPM Sonpeth's

LATE RAMESH WARPUDKAR ACS COLLEGE SONPETH DIST. PARBHANI
(Affilated to Swami Ramanand Teerth Marathwada University Nanded)

DEPARTMENT OF CHEMISTRY

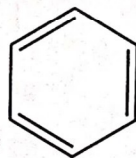### CERTIFICATE COURSE IN CHEMISTRY APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Academic Year 2023-24

Total Marks: 25 Marks

Date: 10-2-2024

Student Name: ROHAN RADHESHYAM GHUGE

Q2

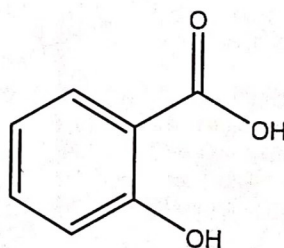05 ✓

Benzene
Chemical Formula: C_6H_6
Exact Mass: 78.05
Molecular Weight: 78.11
m/z: 78.05 (100.0%), 79.05 (6.5%)
Elemental Analysis: C, 92.26; H, 7.74

05 ✓

Salicylic Acid

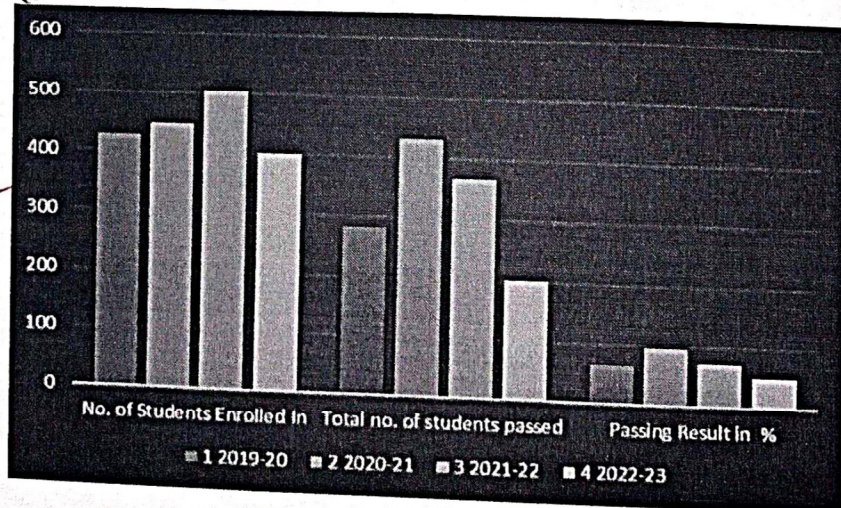Chemical Formula: $C_7H_6O_3$
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Q3

05 ✓

DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE IN CHEMISTRY APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Academic Year 2023-24

Total Marks: 25 Marks   **Date:**

Q1   Solve the following multiple choice question
[1x10 = 10 M]

1   How can you quickly select an entire worksheet in Excel?
A   Click the corner button
B   Double-click a tab
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2   What is the quickest way to resize a column to fit its contents?
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3   What feature should you use to compare two Excel sheets side by side?
A   New Window
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4   What symbol is used to start a formula in Excel?
A   @
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5   Which function would you use to calculate the average value of a range of cells?
A   SUM()
B   AVERAGE()
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6   To quickly calculate the sum of a column in Excel, which feature would you use?
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7   Which one not a component of MS Excel chart?
A   Plot area
B   Z- axis
C   Legend
D   Gridlines

8   _____ are consists of the actual chart.
A   Chart Area
B   Data series
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D   None

9   A spreadsheet is a software program that allows one to:
A   Organize data
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10   The y axis on a chart typically represents...
A   The horizontal scale
B   The axes titles
C   The diagonal scale
D   The vertical scale

Q2   Draw the structure & elemental analysis of following compounds (Any Two) [2x5 = 10 M]
a. Benzene
b. Isoniazid
c. Salicylic Acid

Q3   Show the following given data in Chart/ graphical format.   [5 M]

	Academic year	No. of Students Enrolled In Examination	Total no. of students passed	Passing Result in %
1	2019-20	428	283	66.12
2	2020-21	448	432	96.42
3	2021-22	503	368	73.16
4	2022-23	400	201	50.25

08

DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE IN CHEMISTRY APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Academic Year 2023-24

Total Marks: 25 Marks   **Date: 10-2-2024**
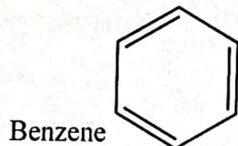
Student Name: OMKAR BALASAHEB PANCHAL

Q2

Benzene

Chemical Formula: C_6H_6
Exact Mass: 78.05
Molecular Weight: 78.11
m/z: 78.05 (100.0%), 79.05 (6.5%)
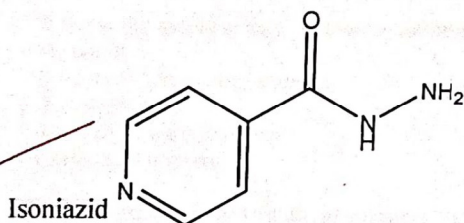Elemental Analysis: C, 92.26; H, 7.74
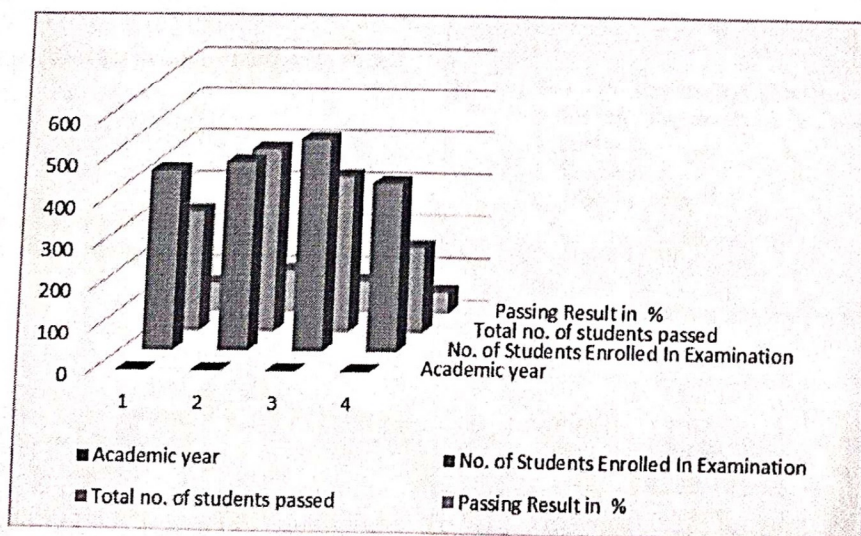
Isoniazid

Chemical Formula: $C_6H_7N_3O$
Exact Mass: 137.06
Molecular Weight: 137.14
m/z: 137.06 (100.0%), 138.06 (6.5%), 138.06 (1.1%)
Elemental Analysis: C, 52.55; H, 5.15; N, 30.64; O, 11.67

Q3

Passing Result in %
Total no. of students passed
No. of Students Enrolled In Examination
Academic year

■ Academic year   ■ No. of Students Enrolled In Examination

■ Total no. of students passed   ■ Passing Result in %

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(Affiliated to Swami Ramanand Teerth Marathwada University Nanded)

DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE IN CHEMISTRY APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Academic Year 2023-24

Total Marks: 25 Marks

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HSPM Sonpeth's
LATE RAMESH WARPUDKAR ACS COLLEGE SONPETH DIST. PARBHANI
(Affilated to Swami Ramanand Teerth Marathwada University Nanded)

DEPARTMENT OF CHEMISTRY

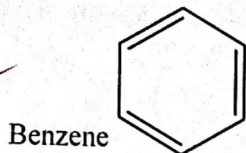### CERTIFICATE COURSE IN CHEMISTRY APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Academic Year 2023-24

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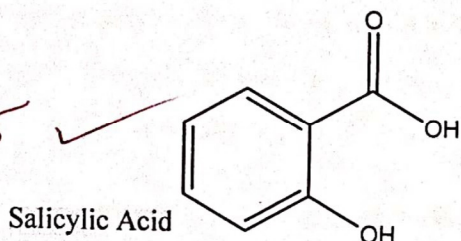**Student Name:** TEJAS RAMESHWAR KHODAVE

Q2

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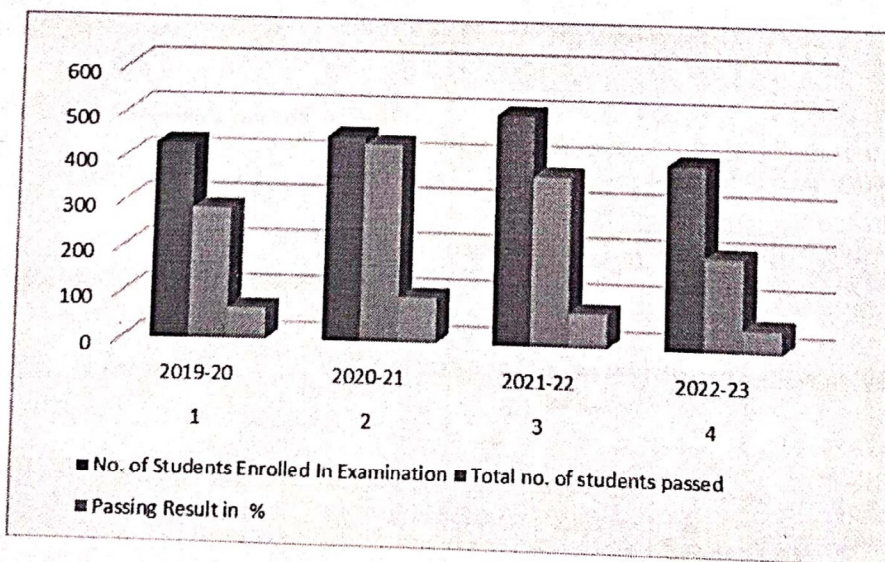
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DEPARTMENT OF CHEMISTRY

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07