LATE RAMESH WARPUDKAR ACS COLLEGE SONPETH DIST. PARBHANI CERTIFICATE COURSE IN CHEMISTRY

CHAIR TO MAKE THIS H

APPLICATION OF ICT TOOLS IN CHEMISTRY (AITC)

Students List (2023-24)

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

Course Coordinator

Dept. Of Chomistry
Late Ramesh Warpudkar
Late Ramesh Warpudkar
Sopneth 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)

Service Services	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

Dept. Of Chomistry
Lifety, (ACS) College, Sanpeth

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

HANUMAN SHIKSHAN PRASARAK MANDAL'S LATE RAMESH WARPUDKAR (ACS) COLLEGE, SONPETIT Certificate Course in Chemistry (AITC) Month class Date Full Name Sr.No. 9 14 15 16 212232819 APPPPPAAPOPAP Kurude 1 Vaishmavi Shubbangi Datlatray Kadam Nikita Radhakishan Shinde P A Rixy Parmeshwar Ushodke 1 P PP PP AP P p Vishal Lahu P 8 8 Inhuge AP PP AP P P 9 Panchal. DP 10 Tejas Rameshuga Khodavel P PAP Dist. Parbhari (MS) HEAD Dept. Of Chamistry

HANUMAN SHIKSHAN I LATE RAMESH WARPUDKAR Class Class Certificate Course in Chemis Date Date: Full Name Sr.No. 1819 2025 27 123 1 Sadashiv Kurude Shubhangi Dattatray Kadam Nikita Radhakishan Shinde A Omkar Balasahob 1 AP 10 Tejas Rameshur Khodave Raniesh Warpudka HANUMAN SHIKSHAN F LATE RAMESH WARPUDKAR Class Certificate Course in Chemist

Class

Sr.No.	Full Name	-
	4.3	1
1	Megha Sadashiv Kurude	A
2	Vaishnavi Keshav Panchal	R
3	Shubhangi Datlatray Kadam Nikita Radhakishan Shinde	A
4	Nikita Radhakishan Shinde	P
2 3 4 5 6	Riva Parmeshway Uzhodke	8
6	Sofiya Jaker Shaikh Vishal Lahu Salve	A
7	Vishal Lahy Salve	4
8	Rohan Radhesham lohuge	1
9	Omkar Balasahab Panchal.	t
٥١	Tejas Rameshwar Khodava	1
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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



Late Ramesh Warpudkar ACS College Sonpeth Dist. Parbhani

Department of Chemistry



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



Late Ramesh Warpudkar ACS College Sonpeth Dist. Parbhani

Department of Chemistry



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

Certificate

This is to certify that Mr/ Ms . Tejas Rameshaar 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.

Course co-ordinator

L.R.W. ACS College Sonpeth

Head, Dept. of Chemistry L.R.W. ACS College Sonpeth

Principal L.R.W. ACS College Sonpeth



Late Ramesh Warpudkar ACS College Sonpeth Dist. Parbhani

Department of Chemistry



LR.W. Col Sonpet

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

Certificate

This is to certify that Mr/ Ms ... Roban ... Radbesham ... 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





Late Ramesh Warpudkar ACS College Sonpeth Dist. Parbhani

Department of Chemistry



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

Certificate

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



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

Certificate

This is to certify that Mr/ Ms ... Omkar Balasaheb Panchal 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.

Course co-ordinator L.R.W. ACS College Sonpeth

Head, Dept. of Chemistry L.R.W. ACS College Sonpeth

Principal L.R.W. ACS College Sonpeth





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.

9.2.2024

Student Name: MEGHA SADASHIV KURUDE

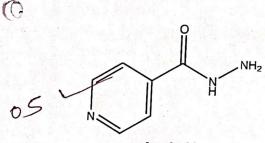
Q2
OS
Benzene

Chemical Formula: C₆H₆

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



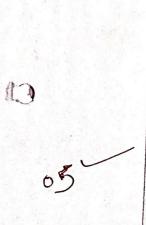
Isoniazid

Chemical Formula: C₆H₇N₃O

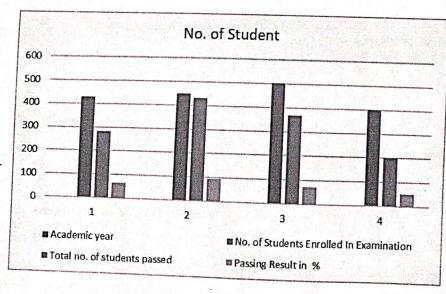
Exact Mass: 137.06

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





Z-axis Legend Gridlines

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 Vear 2023-24

		Academic	Yea	r 2	023-24					
	Tota	l Marks: 25 Marks	1				Date:			
	Q1	Solve the following multiple choice question [1x10 = 10 M]								
<u></u>	A B C D	How can you quickly select an entire worksheet in Excel? Click the corner button Double-click a tab Right-click a tab	8 A B C		Chart Are Data serie Plot Area	a	nsists of the ac	tual chart.		
		Use a shortcut	D		None					
J	B C D	What is the quickest way to resize a column to fit its contents? Double-click the column header Drag the header Right-click and select resize Use Format options	9 A B Q D	_	A spreads to: Organize of Calculate a Chart data All of the	answers	are program tl	nat allows or		
\ll	3 A B C D	What feature should you use to compare two Excel sheets side by side? New Window Arrange All View Side by Side Split	10 A B C D		The y axis The horizo The axes to The diagon The vertica	itles nal scale	ically represer	ıts		
. U	A B D D 5	What symbol is used to start a formula in Excel? # = + Which function would you use to calculate the average value of a range of cells? SUM() AVERAGE() MEAN()	Q2 Q3		Draw the structure & elemental analysis of following compounds (Any Two) [2x5 = 10 M] a. Benzene b. Isoniazid c. Salicylic Acid Show the following given data in Chart/ graphical formet					
	D	TOTAL()	,		format.		[5 M			
\propto	A B	To quickly calculate the sum of a column in Excel, which feature would you use? Quick Analysis Tool AutoSum			Academic year	No. of Students Enrolled In Examination	Total no. of students passed	Passing Result in %		
60	>e	Formula Tab	-14	1	2019-20	428	283	66.12		
~	D	All of these		2	2020-21	448	432	96.42		
				3	2021-22	503	368	10		
	7	Which one not a		4	2022-23	400	201	73.16		
	A	Which one not a component of MS Excel chart? Plot area					201	30.23		
1	R									



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

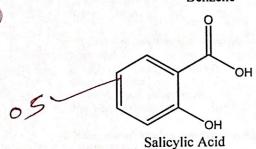
Student Name: NIKITA RADHAKISHAN SHINDE

Q2 OS Benzene

Chemical Formula: C₆H₆ 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



Chemical Formula: C₇H₆O₃

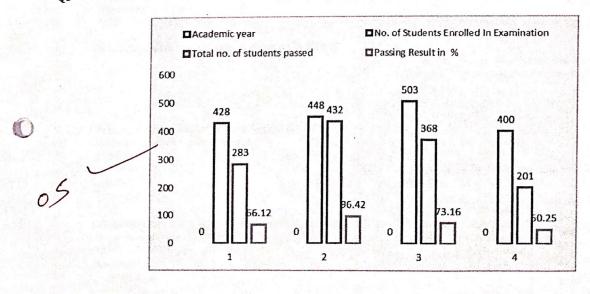
Exact Mass: 138.03

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





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

		Academic						
	Tota	ll Marks: 25 Marks	ı				Date	•
	Q1	Solve the following multiple choice question [1x10 = 10 M]						
	1	How can you quickly select an entire worksheet in						
/		Excel?		8			consists of the	actual chart
~	B	Click the corner button		A	Chart Ar			
	C	Double-click a tab	1	B	_ Data seri			
	D	Right-click a tab	4		Plot Area	1		
		Use a shortcut	1	D	None			
	2	What is the quickest way to resize a column to fit it contents?	s)	A spread	lsheet is a softv	vare program	that allows
X	A	Double-click the column header	1	1	Organize	data		
	В	Drag the header	I	3	Calculate			
	C	Right-click and select resize	10		Chart data			
	D	Use Format options	I)	All of the	above		
	3	What feature should you use to compare two Excel sheets side by side?	1		The y axi	s on a chart ty	pically represe	nts
	A	New Window	A			ontal scale		
	B _	Arrange All	B		The axes			
-	C	View Side by Side	10	18.	The diago			
	D	Split			The vertic	al scale		
	4	What symbol is used to start a formula in Excel?						
	A	@	Q	2	Draw the	structure & el	emental analy	oia of
/	B	#	1		following	compounds (A	ny Two) 12-5	- 10 M
-	e	얼룩 그리고 있다면까지 않는 생일, 그렇게 되었다. 이렇게			a. Benzene	esimpounds (A	my 1 wo) [235	= 10 M1
	D	+	-		b. Isoniazi			
	_		1		c. Salicylic	Acid		
	5	Which function would you use to calculate the	1					
/	1	average value of a range of cells?						
	A D	SUM()	12.5					
-	D C	AVERAGE()	Q.	3	Show the	following given	data in Char	/ graphical
	C D	MEAN() TOTAL()			format.		[5 M	
		TOTAL	3	_				
	6	To quickly calculate the sum of a column in Excel,			A	No. of	Total no. of	Passing
	1	which leature would you use?	2.		Academic	Students	students	Result
1	K	Quick Analysis Tool	12.		year	Enrolled In	passed	in %
1	3	AutoSum		- 1	The state of	Examination	passeu	111 76
		Formula Tab		1	2019-20	428	283	66.12
1)	All of these		2	2020-21	448	432	96.42
			1 -	3	2021-22	503	368	73.16
7		Which one not a command and		4	2022-23	400	201	50.25
A		Which one not a component of MS Excel chart? Plot area			White it is	7. 2. 3. 3. 3.	201	30.23
B		Z- axis						
1		Legend						



LATE RAMESH WARPUDKAR ACS COLLEGE SONPETH DIST. PARBHANI

T. PARBHANI

(Affilated to Swami Ramanand Teerth Marathwada University Nanded)

DEPARTMENT OF CHEMISTRY

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

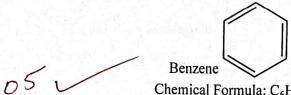
Academic Year 2023-24

Total Marks: 25 Marks

Date: 10-2-2024

Student Name: ROHAN RADHESHYAM GHUGE

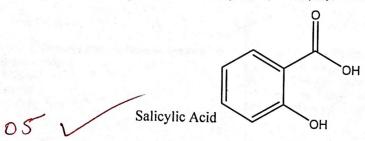
Q2



Chemical Formula: C₆H₆ 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

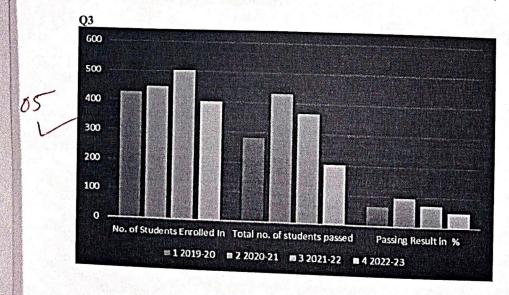


Chemical Formula: C₇H₆O₃ Exact Mass: 138.03

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





Legend Gridlines

08

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)

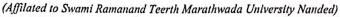
Academic Year 2023-24

		Academic	Ye	ar 2	2023-24			
	Tota	al Marks: 25 Marks	1				Date:	
	Q1	Solve the following multiple choice question [1x10 = 10 M]						
	1	How can you quickly select an entire worksheet in						
,		Excel?	8	-1		are co	onsists of the a	ctual chart.
O/	A	Click the corner button	A	1	Chart Are	a		
-	B	Double-click a tab	B	3/	Data serie	S		
	re	Right-click a tab	Je		Plot Area			
9	D	Use a shortcut	D)	None			
	2	What is the quickest way to resize a column to fit its	9		A spreads	heet is a softw	are program t	hat allows one
4		contents?	7		to:			
1	A	Double-click the column header	A		Organize o			
	В	Drag the header	В		Calculate a			
	C	Right-click and select resize	C	/	Chart data			
	D	Use Format options	10		All of the	above		
	3	What feature should you use to compare two Excel	10	0	The y axis	on a chart typ	ically represe	nts
		sheets side by side?	A		The horizon	intal scale		
	Α	New Window	В		The axes to			
	В	Arrange All	C	/	The diagor	nal scale		
1	Je-	View Side by Side	D		The vertica	al scale		
	D	Split						
	4	What symbol is used to start a formula in Excel?						
,	A	@	Q:	2	Draw the	structure & ele	emental analys	sis of
\propto	В	#	9		following	compounds (A	ny Two) [2x5	= 10 M)
- 1	C_	(# 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		a. Benzene		a A see was	
1	B	+			b. Isoniazio	d		
1					c. Salicylic	Acid		
	5	Which function would you use to calculate the	8.					
		average value of a range of cells?						
1	A	SUM()	3 1					
	В	AVERAGE()	Q3	3	Show the f	following given	data in Char	t/ graphical
	C	MEAN()	1 3		format.		[5 M	
	D	TOTAL()	30	S. 12				
	6	To quickly selevlets the	- 5			No. of	Total no. of	Passing
	•	To quickly calculate the sum of a column in Excel,	1	1 84	Academic	Students	students	Result
	Δ -	which feature would you use?	1	1	year	Enrolled In		in %
11	1	Quick Analysis Tool	45	100		Examination	passed	111 /0
	C	AutoSum Formula Tab	-12	1	2019-20	428	283	66.12
	D	All of these		2	2020-21	448		96.42
	1.3	and of these	ė.				432	-
				3	2021-22	503	368	73.16
	7	Which one not a component of MC P	1000	4	2022-23	400	201	50.25
	A	Which one not a component of MS Excel chart? Plot area						
1	13	Z- axis						





LATE RAMESH WARPUDKAR ACS COLLEGE SONPETH DIST. PARBHANI





DEPARTMENT OF CHEMISTRY

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

Academic Year 2023-24

Total Marks: 25 Marks

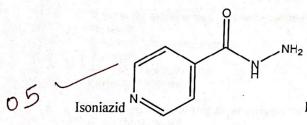
Date: 10-2-2024

Student Name: OMKAR BALASAHEB PANCHAL

Q2

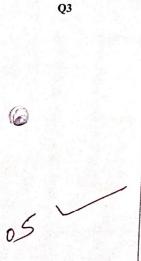
os Benzene Benzene

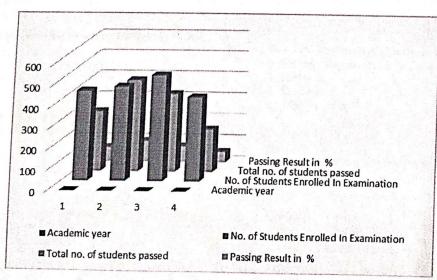
Chemical Formula: C₆H₆
Exact Mass: 78.05
Molecular Weight: 78.11
m/z: 78.05 (100.0%), 79.05 (6.5%)
Elemental Analysis: C, 92.26; H, 7.74



Chemical Formula: C₆H₇N₃O Exact Mass: 137.06 Molecular Weight: 137.14

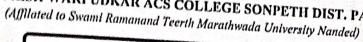
m/z: 137.06 (100.0%), 138.06 (6.5%), 138.06 (1.1%) Elemental Analysis: C, 52.55; H, 5.15; N, 30.64; O, 11.67







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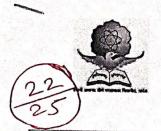
DEPARTMENT OF CHEMISTRY

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

Academic Year 2023-24

	Fota	l Marks: 25 Marks					Date	
							Date	
	Q1	Solve the following multiple choice question $[1x10 = 10 M]$						
1	l .	How can you quickly select an entire worksheet in Excel?						
-	None of the last	Click the corner button	18				annotate Cut	
i	3	Double-click a tab		1	Chart Ar	are e	consists of the	actual chart
(4	Right-click a tab		5	Data seri			
I)	Use a shortcut	1		Plot Area			
<i>y</i>		Ose a shorteur	I)	None	•		
2	!	What is the guldkest want						
	-	What is the quickest way to resize a column to fit it contents?	8 9		A spread	isheet is a soft	vare program	that allows
-		Double-click the column header			to:		program	that anows
E	3	Drag the header	A		Organize	data		
C		Right-click and select resize	D		Calculate	answers		
Г)	Use Format options		_	Chart data			
		· ·	-B		All of the	above		
3	bulk	What feature should you use to compare two Excel	1,					
		sheets side by side?	10		The y axi	s on a chart ty	pically represe	ents
A	1	New Window	A		The noriz	ontal scale		
B		Arrange All	B		The axes			
C		View Side by Side	B		The diago	nal scale		
D		Split	10		The vertic	al scale		
4		What symbol is used to start a formula in Excel?	1					
A	-	@						
B	1	#	Q2		Draw the	structure & el	emental analy	sis of
C					gillwonor	compounds (A	ny Two) [2x5	= 10 M1
D					a. Delizelle	3		20 112
A F No. 7					b. Isoniazi			
) 5		Which function would you use to calculate the			c. Salicylic	c Acid		
		average value of a range of cells?						
A	_	SUM()						
B		AVERAGE()						
C		MEAN()	Q3		Show the	following giver	data in Char	t/ graphical
D		TOTAL()			format.		[5 M	
6		To guidable as leader of	-			No. of	1	
		To quickly calculate the sum of a column in Excel,			Academic	Students	Total no. of	Passing
A		which feature would you use?	7	77.	year	Enrolled In	students	Result
1 B	-	Quick Analysis Tool AutoSum	3		14,000	Examination	passed	in %
C		AutoSum Formula Tab		1	2019-20		000	
D		All of these	-	-		428	283	66.12
		and of these	+	2	2020-21	448	432	96.42
			-	3	2021-22	503	368	73.16
7		Which one not a component of MS Excel chart?	L	4	2022-23	400	201	50.25
A	1	Plot area						
		Z- axis						

Legend Gridlines



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(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: TEJAS RAMESHWAR KHODAVE

Q2

o5 Benzene

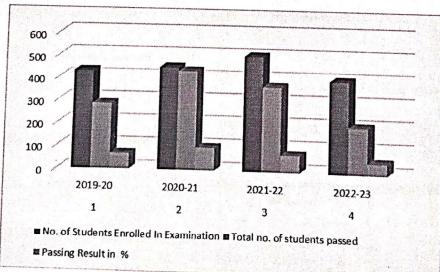
Chemical Formula: C₆H₆
Exact Mass: 78.05
Molecular Weight: 78.11
m/z: 78.05 (100.0%), 79.05 (6.5%)
Elemental Analysis: C, 92.26; H, 7.74

O S Salicylic Acid OH

Chemical Formula: C₇H₆O₃ 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

05/

Q3





Plot area Z-axis Legend Gridlines

HSPM Sonpeth's

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DEPARTMENT OF CHEMISTRY

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

Academic Year 2023-24

		Academic	Y	ear	2023-24			
	Tota	al Marks: 25 Marks					Dat	e :
	Q1	Solve the following multiple choice question [1x10 = 10 M]						
	1	How can you quickly select an entire worksheet in						
1	1	Excel? Click the corner button	1	3		are	consists of the	actual chart
L	В	Double-click a tab	1	4	Chart A	rea		
	C	Right-click a tab	1	3/	Data seri	ies		
	D	Use a shortcut	1	3	Plot Area	a		
		Coc a shortcut	I)	None			
	2 A	What is the quickest way to resize a column to fit it contents? Double-click the column header	s g		A spread	dsheet is a soft	ware program	that allows one
~/	В	Drag the header	A	1	Organize	data		
7	Le	Right-click and select resize	E	3	Calculate	answers		
	D	Use Format options	$\mathcal{I}_{\mathcal{I}}$	/	Chart dat			
		L	7)	All of the	above		
	3	What feature should you use to compare two Excel	1.	•	771			
		sheets side by side?	1		The y axi	is on a chart ty	pically repres	ents
	A	New Window	B		The noriz	ontal scale		
	. B	Arrange All	I C		The axes			
L		View Side by Side	K		The diago	onal scale		
	D	Split	T		The vertic	cal scale		
	4	What am 1 1	į					
,	A	What symbol is used to start a formula in Excel?						
1	В	#	Q	2	Draw the	structure & el	Asia Pagar	
1	C	:	1		following	compounds (A	emental analy	sis of
	LO	+			a. Benzene	compounds (A	iny 1 wo) [2x5	= 10 M
			1		b. Isoniazi			
()	5	Which function would you use to calculate the	-,39		c. Salicylic			
		average value of a range of cells?	- 7					
4.	Α	SUM()						
1	LB	AVERAGE()	- 10					
1	C	MEAN()	Q3	3	Show the	following giver	doto :- Cl	
1	D	TOTAL()			format.	8 8.1.61	t data in Char [5 M	d graphical
	6	Togeth	4		() () () () () () () () () ()			
		To quickly calculate the sum of a column in Excel,	->	100	A 1	No. of	Total C	
	A -		19. 1		Academic	Students	Total no. of	Passing
11	1	Quick Analysis Tool AutoSum	3	-114	year	Enrolled In	students	Result
	C	Formula Tab	3	-	-	Examination	passed	in %
	D	All of these	Jan.	1	2019-20	428	283	66.12
			-	2	2020-21	448	432	
			1 1	3	2021-22	503		96.42
	7	Which one not a component of MS Excel short?		4	2022-23	400	368	73.16
	A /	Di Component di WN Eveel chante	5000	_		700	201	50.25