



S.A.S. GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM, WEST GODAVARI DISTRICT-534406
(AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM)
Phone: 08818 252189, E-mail: narayanapuram.jkc@gmail.com



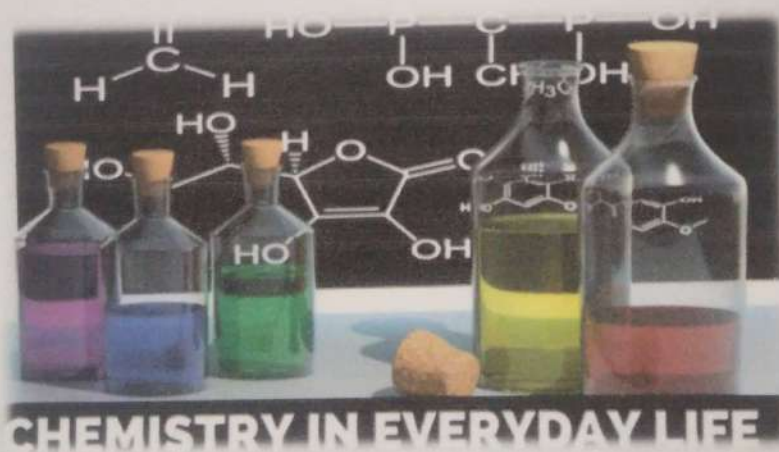
DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE ON "CHEMISTRY IN DAILY LIFE"



COURSE CO-ORDINATOR

SMT.G.HEPHZIBAH



CHEMISTRY IN EVERYDAY LIFE

ACADEMIC YEAR -2022-23

CERTIFICATE COURSE AT A GLANCE

1. TITLE OF THE COURSE: CHEMISTRY IN DAILY LIFE
2. LEVEL OF THE COURSE: UG
3. NAME OF THE CO-ORDINATOR: G.HEPHZIBAH
4. DURATION OF THE COURSE: 30 HOURS
5. DATE OF COMMENCEMENT : 25.03.2023
6. DATE OF CLOSURE: 30.04.2023
7. TIME OF CONDUCT OF THE CLASSES: 5:00 PM – 6:00 PM
8. NUMBER OF STUDENTS ENROLLED FOR THE COURSE: 38
9. NUMBER OF STUDENTS COMPLETED THE COURSE: 38
10. ASSESMENT CRITERION: EVALUATION TEST



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15. Model certificate
16. Report on the Certificate course





AGENDA

22.12.2022

22.12.2022

The meeting of Department of Agriculture, Animal Husbandry and Fisheries, Government of Karnataka, was held on 22.12.2022 at 11.00 AM in the Conference Hall, 1st Floor, Government of Karnataka, Bangalore.

The meeting of Department of Agriculture, Animal Husbandry and Fisheries, Government of Karnataka, was held on 22.12.2022 at 11.00 AM in the Conference Hall, 1st Floor, Government of Karnataka, Bangalore.

The meeting was presided over by the Minister, Agriculture, Animal Husbandry and Fisheries, Government of Karnataka.

The meeting was presided over by the Minister, Agriculture, Animal Husbandry and Fisheries, Government of Karnataka.

The meeting was attended by the following members:

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The meeting was attended by the following members:

The meeting was attended by the following members:

The meeting was attended by the following members:

Departmental meeting and minutes

Minutes of departmental meeting on certificate course



The faculty members of Department of Chemistry met in the Principal's chamber under the chairperson ship of Dr.T.K.Visweswara Rao at 3 PM on Dt :15.03.2023 discussed and resolved as detailed here under.

After the thorough discussion on the agenda of conducting certificate course as per the departmental action plan, it was resolved to

1. Conduct a certificate course titled **Chemistry in Daily Life** with a duration of 30 hours during the working days
2. Frame the syllabus and regulations for the successful completion of certificate course
3. Conduct the examination after the completion of course and issue certificate to the qualified students
4. Set 40% of marks as eligibility for the completion of the course
5. Serve notice to the students well in advance for the enrollment into this course
6. Commence the course on the date fixed obtaining due permission from the chair.

Signatures of the faculty

Department of Chemistry
SAS GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM-534 406

Principal

PRINCIPAL
SAS GOVT. DEGREE COLLEGE
NARAYANAPURAM
West Godavari District.
Pin: 534 406, Andhra Pradesh

PERMISSION LETTER FOR CERTIFICATE COURSE

NARAYANAPURAM,

Dt.16.03.2023

From
The In-charge,
Department of Chemistry,
SAS GDC,
Narayanapuram.

To
The Principal,
SAS GDC,
Narayanapuram.



Sir,

Sub: Department of Chemistry ,SAS Govt. Degree College, Narayanapuram-

Conduct of Certificate course in Chemistry in Daily Life(30 hours) -

Accordance of permission requested-Reg.

Ref: Minutes of the departmental meeting dated 15.03.2023

Adverting to the subject, I wish to submit to your kind self that the Department of Chemistry is planning to conduct a Certificate course in "Chemistry in Daily Life" with 30 hours duration for the students of our college as well as the general public . A resolution was passed to this effect in the Departmental meeting dated 15.03.2023. Hence I request you to kindly accord permission to conduct the same from 25.03.2023 onwards.

Thanking you sir.

Yours faithfully

[Handwritten Signature]

(G. WERHIZIBAH)

Department of Chemistry

SAS GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM-534 406

Enclosures

1. A xerox copy of the minutes of
Departmental meeting dt.15.03.2023

PROCEEDINGS OF THE PRINCIPAL, SAS GOVT. DEGREE COLLEGE, NARAYANAPURAM.

PRESENT: Dr.T.K.Visweswara Rao

DATE:17.03.2023




To
The In-charge,
Department of Chemistry,
SAS GDC
Narayanapuram .

Sir/Madam,

Sub: SAS Govt. Degree college, Narayanapuram- Conduct of certificate course in
Chemistry in Daily Life- Permission accorded- Reg.

Adverting to the subject, I here by draw the kind attention of the in-charge of department of Chemistry of this college ,that a decision was taken in the staff council meeting dated 16.03.2023 after much discussions and deliberation to approve and accord permission for the conduct of a certificate course" Chemistry in Daily Life" with 30 hours duration for the general public as well as the students of our college from dt.25.03.2023.

You are further instructed to make all the necessary preparations and arrangements for the commencement of the course on dt.25.03.2023


PRINCIPAL

PRINCIPAL
SAS GOVT. DEGREE COLLEGE
NARAYANAPURAM
West Godavari District.
Pin: 534 406, Andhra Pradesh

NOTICE

NARAYANAPURAM

Dt.18.03.2023



All the students of SAS Govt. Degree college, Narayanapuram are hereby informed that the Department of Chemistry is intending to conduct a certificate course in Chemistry in "Daily Life" from 25.03.2023 onwards. The required permission from the honorable Principal of the college has been obtained. Hence the students who are interested in enrolling themselves for the course may please contact the in-charge of the department for further details on or before dt.

Initials of the Principal

PRINCIPAL
SAS GOVT. DEGREE COLLEGE
NARAYANAPURAM
West Godavari District.
Pin: 534 406, Andhra Pradesh

In-charge of the dept.

Department of Chemistry
SAS GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM-534 406

Course objectives:

- ✚ To gain knowledge about daily using Drugs
- ✚ To know the basic symptoms and administration of frequently used drugs.
- ✚ To know chemical substances utilized in drug preparation



Course outcomes:

After successful completion of the course the student is able to

- ✚ Gain basic Knowledge on Drugs and their use in daily life
- ✚ Learn about how drug will be absorbed, distributed, metabolized, and finally Excreted (ADME)
- ✚ Learn about some regular drugs and their side effects in human body.

Syllabus:

Pharmacodynamics, Pharmacokinetics, and their Side Effects of various Drugs

- 1 Analgesics : Aspirin, Paracetamol
- 2 Drugs of Diabetes : Metformin, Glipizide
- 3 Cardio vascular Agents : Atenolol
- 4 Reproductive Drugs: Testosterone
- 5 Antiulcer agents: Ranitidine, Omeprazole
- 6 Antibiotics: Amylin, Ciprofloxacin
- 7 Antiviral: Ribavirin
- 8 Antiparasitic: Chloroquine
- 9 Drug acting on nervous system: Morphine, Diazepam
- 10 Hypnotics : Zolpidem
- 11 Neurodegenerative disease curing drugs : Levodopa
- 12 Anti fungal: Fluconazole

Methodology Used :

Student centric methods like experiential learning, participative learning for enhancing learning experiences via ICT/ classrooms/laboratories/ internet/ ICT enabled projectors/ library

List of students enrolled for the course



S. No	Regd.No.	Name of the Student	Program of study
	22355710-		
1.	1001	D.MADHU SAI JYOTHI	I B.Sc MPC
2.	1002	G.POOJA	I B.Sc MPC
3.	1003	K.PRADEEP	I B.Sc MPC
4.	1004	M.SRINIVAS	I B.Sc MPC
5.	1005	M.CHANDU BABU	I B.Sc MPC
6.	1006	P.PAVAN KUMAR	I B.Sc MPC
7.	1007	S.LIKHITHA RANI	I B.Sc MPC
8.	1008	V.PEDDI LAKSHMI	I B.Sc MPC
9.	22355711-0009	A.VIJAYA JYOTHI	I B.Sc BZC
10.	0010	G.JAYA RAJU	I B.Sc BZC
11.	0011	K.SRIDEVI	I B.Sc BZC
12.	0012	K.DEVI	I B.Sc BZC
13.	0013	S.DHARMATEJA	I B.Sc BZC



S. No	Regd.No.	Name of the Student	Program of study
1.	213557110018	B.Devi	II B.Sc BZC
2.	213557110019	B.Mythili	II B.Sc BZC
3.	213557110020	B.Ruthvik	II B.Sc BZC
4.	213557110021	B.Janaki	II B.Sc BZC
5.	213557110022	B.Vasavi	II B.Sc BZC
6.	213557110023	D.Bharathi	II B.Sc BZC
7.	213557110024	E.Sowjanya	II B.Sc BZC
8.	213557110025	G.Annapurna	II B.Sc BZC
9.	213557110027	K.Kondala rao	II B.Sc BZC
10.	213557110028	K.Mangaveni	II B.Sc BZC
11.	213557110029	K.D.Bhavani	II B.Sc BZC
12.	213557110031	P.Satya Durga	II B.Sc BZC
13	213557110033	P.L.Prasanna	II B.Sc BZC
14	213557110035	S.Vanaja	II B.Sc BZC
15	213557110036	S.Pavani	II B.Sc BZC
16	213557110038	V.Nagambika	II B.Sc BZC

S. No	Regd.No.	Name of the Student	Program of study
1.	213557101001	B.Hema durga	II B.Sc MPC
2.	213557101002	Ch.Keerthana	II B.Sc MPC
3.	213557101003	G.Leelasri	II B.Sc MPC
4.	213557101004	K.Rama	II B.Sc MPC
5.	213557101005	K.Satya Yamini	II B.Sc MPC
6.	213557101006	K.Vanaja	II B.Sc MPC
7.	213557101008	M.Kalyani	II B.Sc MPC
8.	213557101009	M.Likhitha	II B.Sc MPC
9	213557101014	V.Jayalakshmi	II B.Sc MPC



Attendance



S. No	Regd.No.	Name of the Student	Attendance Particulars														
			Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	1001	D.MADHU SAI JYOTHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	1002	G.POOJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	1003	K.PRADEEP	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
4.	1004	M.SRINIVAS	P	P	P	P	P	P	P	P	P	P	P	P	a	p	P
5.	1005	M.CHANDU BABU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	1006	P.PAVAN KUMAR	P	P	P	a	P	P	P	P	P	P	P	P	a	p	P
7.	1007	S.LIKHITHA RANI	P	P	P	P	P	P	P	P	P	P	P	P	p	p	P
8.	1008	V.PEDDI LAKSHMI	P	P	P	P	A	P	P	P	P	P	P	P	p	p	A
9.	22355711-0009	A.VIJAYA JYOTHI	P	P	P	P	P	P	P	P	a	P	P	P	p	p	P
10	0010	G.JAYA RAJU	P	P	P	P	P	P	P	P	P	P	P	P	p	p	P
11	0011	K.SRIDEVI	P	P	P	P	P	P	A	P	P	P	P	P	p	p	P
12	0012	K.DEVI	P	P	P	a	P	P	P	P	P	P	P	P	p	p	P
13	0013	S.DHARMATEJ A	p	p	P	p	p	p	P	p	p	p	p	p	p	p	P



S. No	Regd.No.	Name of the Student	Attendance Particulars																
			Day16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
1.	1001	D.MADHU SAI JYOTHI	P	P	P	P	P	a	P	P	P	P	P	p	p	p	P		
2.	1002	G.POOJA	P	P	A	P	P	P	p	P	P	P	P	a	p	p	P		
3	1003	K.PRADEEP	P	P	P	P	P	P	P	a	P	P	P	p	p	p	P		
4	1004	M.SRINIVAS	P	P	P	p	P	A	P	a	P	P	P	p	a	p	P		
5	1005	M.CHANDU BABU	P	P	P	P	P	P	P	P	P	P	P	p	p	p	P		
6	1006	P.PAVAN KUMAR	P	P	P	P	P	a	P	P	P	P	P	p	p	p	P		
7	1007	S.LIKHITHA RANI	P	P	P	P	P	P	P	a	P	P	P	p	p	A	P		
8.	1008	V.PEDDI LAKSHMI	P	P	P	a	P	P	P	P	P	P	A	p	p	p	p		
9.	22355711-0009	A.VIJAYA JYOTHI	P	P	P	P	a	P	P	P	P	P	P	p	p	p	P		
10	0010	G.JAYA RAJU	P	P	P	P	A	p	P	P	P	P	P	p	p	p	P		
11	0011	K.SRIDEVI	P	P	P	P	P	P	P	P	a	P	P	p	p	p	P		
12	0012	K.DEVI	P	P	a	P	P	P	a	P	P	P	P	A	p	p	P		
13	0013	S.DHARMA TEJA	P	P	P	P	P	P	P	P	P	a	P	p	p	p	P		



S. No	Regd.No.	Name of the Student	Attendance Particulars														
			Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1.	213557110018	B.Devi	P	P	P	P	P	P	P	P	P	P	P	p	p	p	p
2.	213557110019	B.Mythili	P	P	P	P	P	P	P	P	P	P	P	p	p	p	p
3.	213557110020	B.Ruthvik	P	P	P	P	P	P	a	P	P	P	P	p	p	p	p
4.	213557110021	B.Janaki	P	P	P	P	P	P	P	A	P	P	P	p	a	p	P
5.	213557110022	B.Vasavi	P	P	P	P	P	P	P	P	P	P	P	p	p	p	P
6.	213557110023	D.Bharathi	P	P	P	a	P	P	p	P	P	P	P	p	a	p	P
7.	213557110024	E.Sowjanya	P	P	P	P	P	P	P	P	P	P	P	p	p	p	P
8.	213557110025	G.Annapurna	P	P	P	P	A	P	P	P	P	P	P	p	p	p	A
9.	213557110027	K.Kondal Rao	P	P	P	P	P	P	P	P	a	P	P	p	p	a	P
10	213557110028	K.Mangaveni	P	P	P	P	P	P	P	P	P	P	P	p	p	p	P
11	213557110029	K.D.Bhavani	P	P	P	P	P	P	a	P	P	P	P	p	p	a	P
12	213557110031	P.Satya Durga	p	p	P	p	p	p	p	P	p	p	p	p	p	p	P
13	213557110033	P.L.Prasanna	P	P	P	P	P	P	P	P	P	P	P	p	p	p	p



14	213557110035	S.Vanaja	P	P	P	P	P	P	P	A	P	P	P	p	a	p	p
15	213557110036	S.Pavani	P	P	P	P	P	P	P	P	P	P	P	p	p	p	P
16	213557110038	V.Nagambika	P	P	P	P	P	P	A	P	P	P	P	p	p	p	P

S. No	Regd.No.	Name of the Student	Day	Attendance Particulars														
				Day														
			16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1.	213557110018	B.Devi	P	P	P	P	P	P	P	P	P	P	P	p	p	p	p	
2.	213557110019	B.Mythili	P	P	P	P	P	P	P	P	P	P	P	p	p	p	p	
3.	213557110020	B.Ruthvik	P	A	P	P	P	P	a	A	P	P	P	p	p	p	p	
4.	213557110021	B.Janaki	P	P	P	P	P	P	P	P	P	P	P	p	a	p	P	
5.	213557110022	B.Vasavi	P	P	P	P	P	P	P	P	P	P	P	p	p	p	P	
6.	213557110023	D.Bharathi	P	P	P	a	P	P	p	P	P	P	P	p	a	p	P	
7.	213557110024	E.Sowjanya	P	P	P	P	P	A	P	P	P	P	P	p	p	p	P	
8.	213557110025	G.Annapurna	P	P	P	P	A	P	P	A	P	P	P	p	p	p	A	
9.	213557110027	K.Kondal Rao	P	P	P	P	P	P	P	P	a	P	A	p	p	a	P	
10.	213557110028	K.Mangave ni	P	P	P	P	P	P	P	P	P	P	P	p	p	p	P	

11	213557110 029	K.D.Bhavani	P	P	P	P	P	P	a	P	P	P	P	p	p	a	P
12	213557110 031	P.Satya Durga	p	P	P	p	p	A	p	A	p	p	P	p	p	p	P
13	213557110 033	P.L.Prasann a	P	P	P	P	P	P	P	P	P	P	P	p	p	p	p
14	213557110 035	S.Vanaja	P	P	P	P	P	P	A	P	P	P	p	a	p	P	
15	213557110 036	S.Pavani	P	P	A	P	P	P	P	P	P	A	p	p	p	P	
16	213557110 038	V.Nagambik a	P	P	P	P	P	P	P	P	P	P	p	p	p	P	

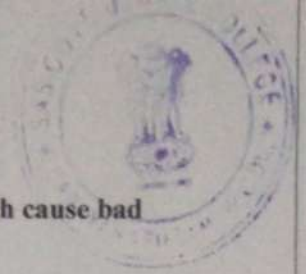
S. No	Regd.No.	Name of the Student	Attendance Particulars														
			Day1 6	1 7	1 8	1 9	2 0	2 1	2 2	2 3	2 4	2 5	2 6	2 7	2 8	2 9	3 0
1.	213557101 001	B.Hema durga	P	P	P	P	P	P	P	P	P	P	P	p	p	p	p
2.	213557101 002	Ch.Keertha na	P	P	P	A	P	P	A	P	P	P	P	p	p	p	p
3.	213557101 003	G.Leelasri	P	P	P	P	P	P	a	P	P	P	P	p	p	p	p
4.	213557101 004	K.Rama	P	P	P	P	P	P	P	A	P	P	P	p	a	p	P
5.	213557101 005	K.Satya Yamini	P	P	P	P	P	A	P	P	P	P	P	p	p	A	P
6.	213557101 006	K.Vanaja	P	P	P	a	P	P	p	A	P	P	P	p	a	p	P
7.	213557101 008	M.Kalyani	P	P	P	P	A	P	P	P	P	P	P	p	p	p	A



8.	213557101009	M.Likhitha	P	P	P	P	P	P	P	P	P	a	P	P	p	p	a	P
9	213557101014	V.Jayalaks hmi	P	P	P	P	P	P	P	P	A	P	P	P	p	a	p	P

S. No	Regd.No.	Name of the Student	Attendance Particulars															
			Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1.	213557101001	B.Hema durga	P	P	P	P	P	P	P	P	P	P	P	p	p	p	p	p
2.	213557101002	Ch.Keerthan a	P	P	P	P	P	P	P	P	P	A	P	p	p	p	p	p
3.	213557101003	G.Leelasri	P	P	P	P	A	P	a	P	P	P	P	p	p	p	p	p
4.	213557101004	K.Rama	P	P	P	P	P	P	P	A	P	P	P	p	a	p	p	P
5.	213557101005	K.Satya Yamini	P	P	P	P	P	P	P	P	P	P	P	p	p	p	p	P
6.	213557101006	K.Vanaja	P	P	P	a	P	P	p	P	P	P	P	p	a	p	p	P
7.	213557101008	M.Kalyani	P	P	P	P	A	P	P	P	P	P	P	p		p	A	
8.	213557101009	M.Likhitha	P	P	P	P	P	P	P	P	a	P	P	p	p	a	P	
9.	213557101014	V.Jayalaksh mi	P	P	P	P	P	P	P	A	P	P	P	p	a	p	P	

QUESTION PAPER



1. What are the drugs called that kill or inhibit the growth of microorganisms which cause bad effect to wounds or injury ?

- (a) Tranquilizers
- (b) Antibiotics
- (c) Antiseptics
- (d) Disinfectants

Answer : C

2. Which statement is true from the following ?

- (a) Drugs bind to receptor site instead of messengers and stop communication process of cell are called agonists.
- (b) The receptors which accept drugs in impression of natural messenger and communication process occurs are called antagonists.
- (c) Drugs bind to different sites instead of active site of enzyme; this site is called allosteric site.
- (d) Drugs helped in binding of substrate with active site of enzyme are called enzyme inhibitors

Answer: C

3. Which type of class of drugs does ranitidine belong to ?

- (a) Antihistamines
- (b) Neurologically active drugs
- (c) Antimicrobial drugs
- (d) Antacid

Answer : d

4. Which of the following drugs is analgesic drug ?

- (a) Barbiturates
- (b) Penicillin
- (c) Ranitidine
- (d) Paracetamol

Answer : d

5. Who is known as the father of chemotherapy?

- (a) Alexander Fleming
- (b) Howard Florey
- (c) Paul Ehrlich
- (d) Ernst Boris Chain

Answer : c

6. Which type of class of drugs does Citrizine belong to?

- (a) Antihistamines
- (b) Neurologically active drugs
- (c) Antimicrobial drugs
- (d) Antifertility drugs

Answer: a

7. Which bacterial cells were stained by dyes found by Ehrlich ?

- (a) Bacterial cells



- (b) Cardiac cell
- (c) Reproductive cell
- (d) Nephron cell

Answer: a

8. Which of the following compounds are mostly made up of carbon ?

- (a) Detergents
- (b) Drugs
- (c) Dyes
- (d) All of the above

Answer : d

9. Which of the following parasites are killed or their growth inhibited using chemotherapy ?

- (a) Virus
- (b) Fungi
- (c) Bacteria
- (d) All of the above

Answer : d

10. Name the disease treated using arsenic drugs.

- (a) Jaundice
- (b) Typhoid
- (c) Syphilis
- (d) Cholera

Answer : c

11. Choose the parameter which is not used for the classification of drugs.

- (a) Pharmacological effect
- (b) Drug action
- (c) Molecular mass of drugs
- (d) None of the above

Answer : d

12. Which classification of drugs is most useful for doctors ?

- (a) On the basis of pharmacological effect
- (b) On the basis of drug action
- (c) On the basis of molecular target
- (d) All of the above

Answer : d

13. Name the substance responsible for common cold, acidity, swelling, redness of skin and itching.

- | | |
|-----|-----------|
| (a) | Virus |
| (b) | Bacteria |
| (c) | Histamine |
| (d) | Worm |

Answer : a



14.State the biomolecules that function as biocatalysts in the body.

- (a) Hormones
- (b) Vitamins
- (c) Lipid
- (d) Enzymes

Answer: d

15.What are those drugs called that compete with the natural substrate for their attachment on the active site of the enzyme ?

- (a) Chemical messengers
- (b) Antagonists
- (c) Competitive inhibitors
- (d) Drug receptor substances

Answer : c

16.What are receptors made up of ?

- (a) Lipids
- (b) Vitamins
- (c) Protein
- (d) Enzymes

Answer : c

17.Which process is inhibited due to the binding of the drug to the receptor site instead of specific chemical messenger ?

- (a) Digestion
- (b) Reproduction
- (c) Communication
- (d) Excretion

Answer : c

18.What are those drugs called that bind to the receptor site instead of the messenger ?

- (a) Agonists
- (b) Antagonists
- (c) Competitive inhibitors
- (d) Antihistamines

Answer : b

19.Drugs which resemble the natural messenger and carry out the communication process of the cell in its absence are called ____ .

- (a) Agonists
- (b) Antagonists
- (c) Competitive inhibitors
- (d) Antihistamines

Answer : a



20. Which substance is released in excess in stomach due to indigestion and what is this Condition called?

- (a) Salt, acidity
- (b) Histamine, allergy
- (c) Base, basicity
- (d) Acid, acidity

Answer : d

21. Among the following options which are used as tranquilizers?

- a. Naproxene
- b. Tetracycline
- c. Chlorpheniramine
- d. Equanil

Answer: (d)

22. Select antihistamine among the following four options?

- a. Chloramphenicol
- b. Diphenyl hydramine
- c. Norethindrone
- d. Omeprazole

Answer: (b)

23. Narcotic analgesic is?

- a. aspirin
- b. paracetamol
- c. codeine
- d. cimetidine

Answer: (c)

24. Bactericidal antibiotic among the following is?

- a. Ofloxacin
- b. Erythromycin
- c. Chloramphenicol
- d. Tetracycline

Answer: (a)

25. Which of the following is not an antacid?

- a. Phenelzine
- b. Ranitidine
- c. $\text{Al}(\text{OH})_3$
- d. Cimetidine

Answer: (a)

21. Among the following options which are used as tranquilizers?

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- c. Chlorpheniramine
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- a. ☒ Phenelzone
- b. Ranitidine
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15. What are these drugs called that compete with the natural substrate for their attachment on the active site of the enzyme?

- a. ☒ Chemical messengers
- b. Antagonists
- c. Competitive inhibitors
- d. Drug receptor inhibitors

16. What are receptors made up of?

- a. ☒ Lipids
- b. Proteins
- c. Carbons
- d. Sugars

17. Which process is inhibited due to the binding of the drug to the receptor site instead of specific chemical messenger?

- a. ☒ Diffusion
- b. Reproduction
- c. ☒ Communication
- d. Excretion

18. What are these drugs called that bind to the receptor site instead of the messenger?

- a. ☒ Agonists
- b. ☒ Antagonists
- c. Competitive inhibitors
- d. Anticancerous

19. Drugs which resemble the natural messenger and carry out the communication process of the cell in its absence are called _____

- a. ☒ Agonists
- b. Antagonists
- c. Competitive inhibitors
- d. Anticancerous

20. Which substance is released in excess in stomach due to indigestion and what is this condition called?

- a. ☒ HCl, acidity
- b. ☒ Bile, jaundice
- c. ☒ Bile, acidity
- d. ☒ HCl, jaundice

10. Chemopreventive drugs

a. Drugs

b. Dyes

c. ☒ Sub of the drug

d. ☒ Sub of the drug

11. Name the element involved using arsenic drugs

a. ☒ As

b. ☒ Sb

c. ☒ Bi

d. ☒ Po

12. Choose the parameter which is not used for the classification of drugs

a. Pharmacological effect

b. ☒ Drug action

c. ☒ Therapeutic effect

d. ☒ Drug action

13. Which classification of drugs is most useful for doctors?

a. ☒ On the basis of pharmacological effect

b. ☒ On the basis of drug action

c. ☒ On the basis of molecular target

d. ☒ On the basis of chemical structure

14. Name the substance responsible for common cold, acidity, swelling, redness of skin and itching

a. ☒ Histamine

b. ☒ Serotonin

c. ☒ Dopamine

d. ☒ Norepinephrine

15. State the biomolecules that function as biocatalysts in the body

a. ☒ Enzymes

b. ☒ Vitamins

c. ☒ Lipids

d. ☒ Proteins



2022-23
QUESTION PAPER ON CHEMISTRY IN DAILY LIFE

1. Which are the drugs called that kill or inhibit the growth of microorganisms which cause food spoil or wounds or injuries?

- a. ☒ Chemopreventive
- b. Anticancerous
- c. ☒ Antibiotics
- d. Anticancerous

2. Which statement is true from the following?

- a. ☒ Drugs that to compete with the natural substrate and decompensation process of cell are called by
- b. ☒ The receptor which accept drugs in suppression of natural messenger and communication process are
- c. ☒ Drugs that to inhibit the activity of active site of enzyme, they are called as enzyme inhibitors
- d. ☒ Drugs that to binding of substrate with active site of enzyme are called as enzyme inhibitors

3. Which type of drug does resistance belong to?

- a. ☒ Anticancerous
- b. ☒ Neurologically active drugs
- c. ☒ Anticancerous
- d. ☒ Anticancerous

4. Which of the following drugs is analgesic drug?

- a. ☒ Morphine
- b. ☒ Paracetamol
- c. ☒ Aspirin
- d. ☒ Codeine

5. Which is known as the father of chemotherapy?

- a. ☒ Paul Ehrlich
- b. ☒ Robert Hooke
- c. ☒ Robert Brown
- d. ☒ Robert Hooke

6. Which type of drug does resistance belong to?

- a. ☒ Anticancerous
- b. ☒ Neurologically active drugs
- c. ☒ Anticancerous
- d. ☒ Anticancerous

7. Which bacterial cells were stained by dyes found by Ehrlich?

- a. ☒ Purple cells
- b. ☒ Carbox cells
- c. ☒ Reproductive cell
- d. ☒ Purple cells

8. Which of the following compounds are mostly made up of carbon?

Bibliography :

Quantitative Analysis by A.I.Voguel



STUDENTS OBSERVING EXPERIMENTS AND HPLC INSTRUMENTATION IN THE CHEMISTRY LAB USED TO ANALYSE DIFFERENT COMPOUNDS AND DRUGS ,AT P.B.SIDHARTHA COLLEGE OF ARTS & SCIENCE ON STUDY TOUR.



CERTIFICATE



CERTIFICATE OF COMPLETION



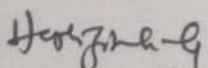
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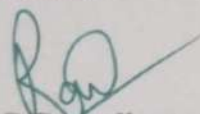
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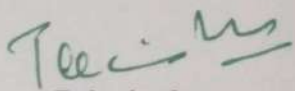


THIS IS TO
CERTIFY THAT MR./MS. D. Madhu Sai Tyothi OF T. B. Samp. HAS
SUCCESSFULLY COMPLETED CERTIFICATE COURSE ON **CHEMISTRY IN**
DAILY LIFE IN (30 HOURS) CONDUCTED FROM 25.02.2021 TO 30.04.2023

BY THE DEPARTMENT OF CHEMISTRY.


Course Co-ordinator


IQAC Co-ordinator


Principal
PRINCIPAL
SAS GOVT. DEGREE COLLEGE
NARAYANAPURAM
West Godavari District.
Pin: 534 406, Andhra Pradesh

Department of Chemistry
SAS GOVERNMENT DEGREE COLLEGE
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Report of the certificate course on Chemistry in Daily life



The Department of Chemistry of SAS GDC , Narayanapuram conducted a certificate course in **Chemistry in Daily life** from 25.03.2023 to 30.04.2023 with 30 Hrs duration. Smt.G.Hephzibah acted as the instructor for the course and 38 Students of III B.Sc (MPC&BZC) enrolled for the course.

The course commenced on the AN of 25.03.2023. A total number of 30 instruction hours (Both Theory and practicals) were conducted to enhance the knowledge levels of the student on **Chemistry in Daily life**. As a part of this course, students were given hands on training at Dept. of Chemistry. The students observed different analytical techniques used in analysis of drugs virtually. Students observed the analysis of drugs using HPLC at PB Siddhartha college of arts and science on study visit to that college.

At the end of the course a test was conducted for 50 marks with 40% of marks (20 Marks) as eligibility criterion for the completion of the course. On the last day of the course certificates were issued to the students who had successfully completed the course.