



SAMSKRUTI COLLEGE OF PHARMACY

Established by Sri Vinayaka Education Trust, Narsapur

Regd No 5762/2000

(Approved by AICTE, PCI, New Delhi and Affiliated to JNTU, Hyderabad)

Kondapur Village, Ghatkesar Mandal, Medchal District (Old R.R. Dist) - 501301.

Cell: 9701368996.



13.2 Teachers use ICT enabled tools for effective teaching learning process:-

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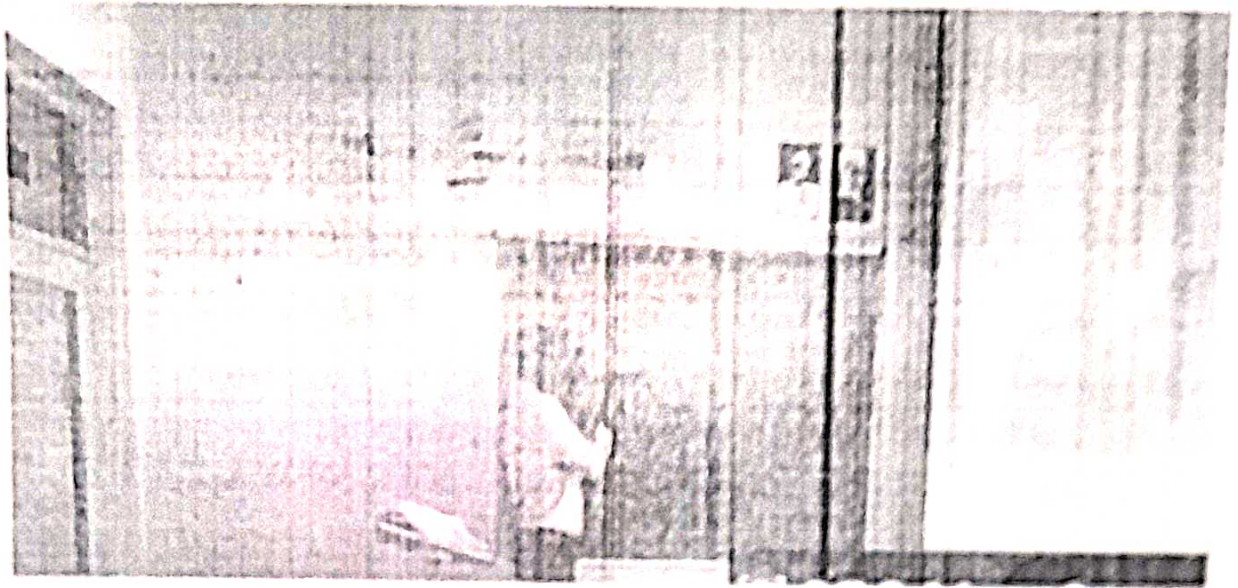
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Principal

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Kondapur (V), Ghatkesar (M),
Medchal Dist. PIN-501301

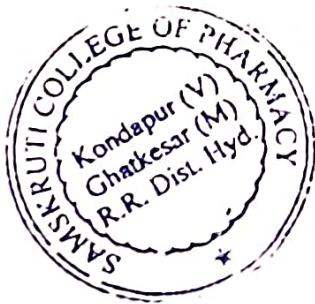
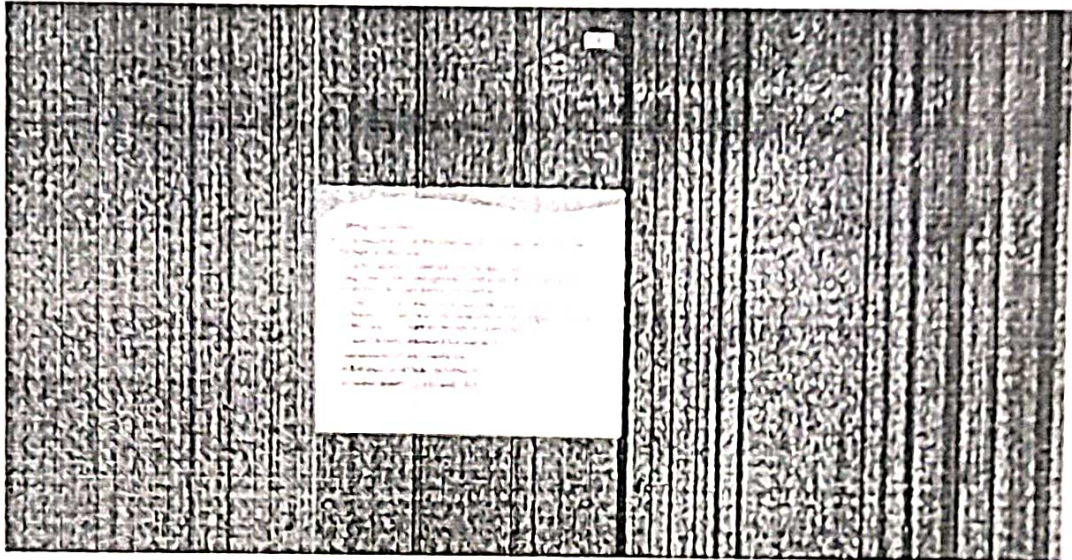
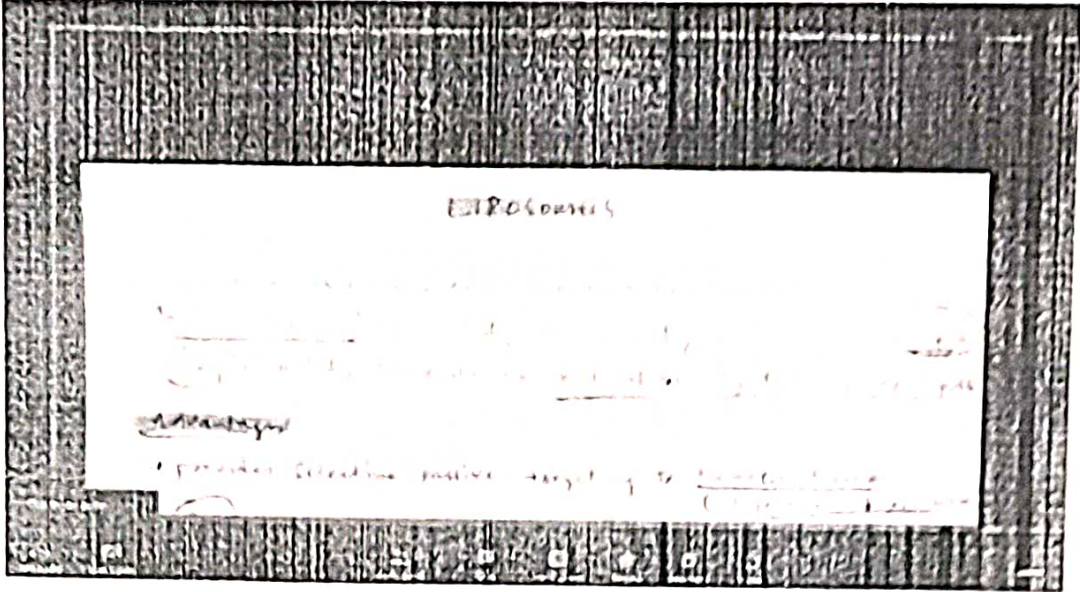
1. Sample copy of Chalk board



Handwritten signature in green ink.

Principal,
Sanskriti College of Health Sciences,
Kondapur (M) Ghanesar (M),
Medical Dist. - 504101

2. Sample Copy of Online teaching: -



Handwritten signature in blue ink.

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Rajkumar Jampala

Doctor of Pharmacy, Doctor of Philosophy at TAM University

ResearchGate profile information

Add research

Rajkumar Jampala

Doctor of Pharmacy, Doctor of Philosophy

ResearchGate profile information



Pragma Rani Petro et al
DEVELOPMENT AND EVALUATION OF
ODO DISPERSIBLE TABLETS OF
ETHACRYNIC ACID BY USING CO-
PROCESSED SUPER



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Navigation bar with search, home, and user profile icons. Includes logos for 'swayam' and 'G2G'. A 'SIGN IN / REGISTER' button is visible on the right.

NATIONAL COORDINATOR



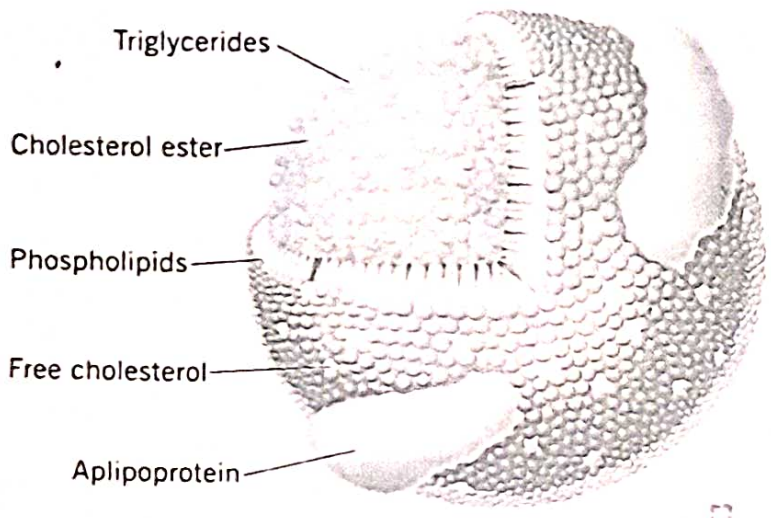
SWAYAM BENEFITS

Best-in-Class
Instructors

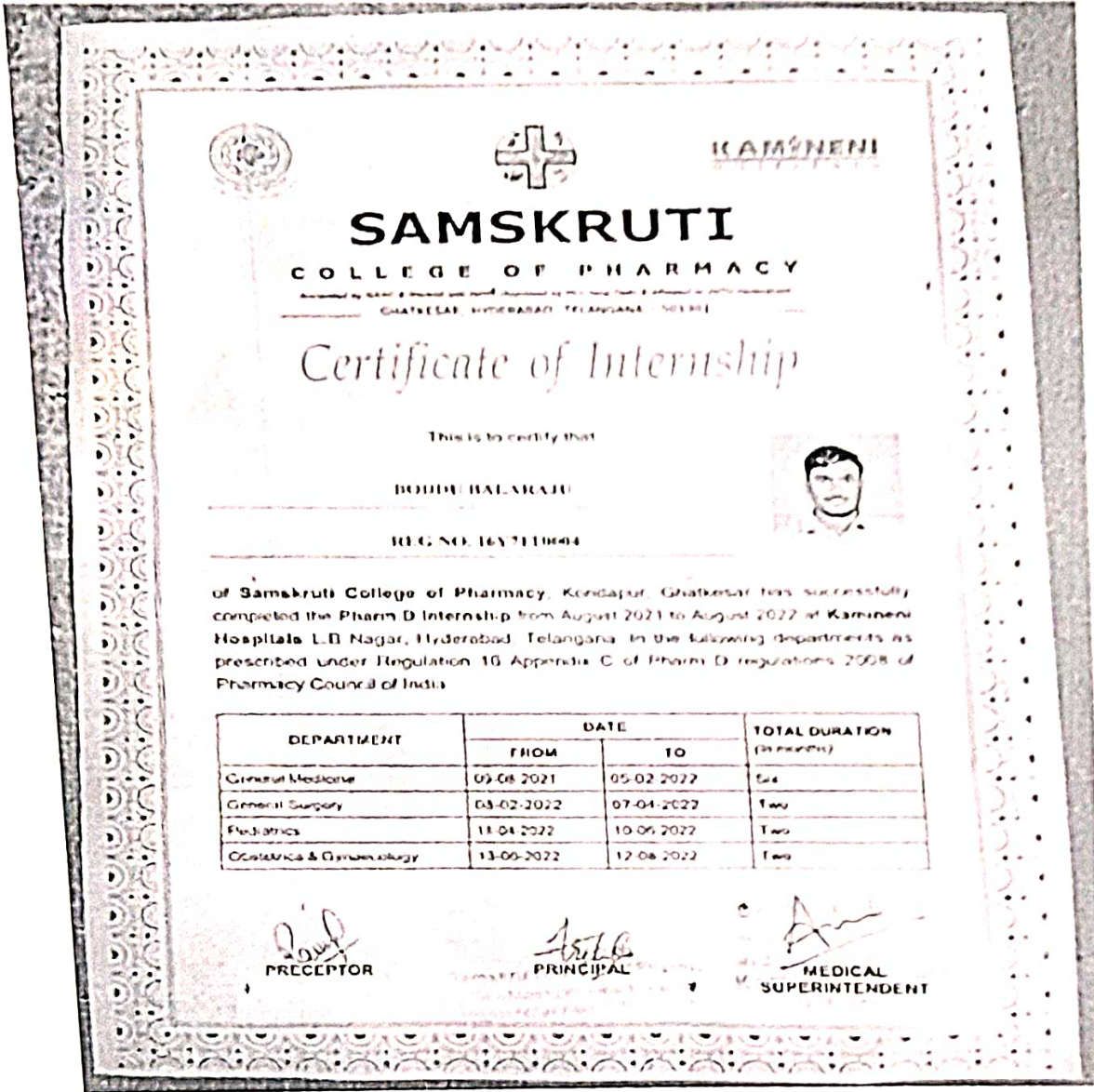


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Lipoprotein



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SAMSKRUTI
 COLLEGE OF PHARMACY
GHATKESAR, HYDERABAD, TELANGANA - 501301

Certificate of Internship

This is to certify that

BOBBE BALARAJU



REG. NO. 16Y711044

of Samskruti College of Pharmacy, Kondapur, Ghatkesar has successfully completed the Pharm D Internship from August 2021 to August 2022 at Kamineni Hospitals L.B. Nagar, Hyderabad, Telangana. In the following departments as prescribed under Regulation 16 Appendix C of Pharm D regulations 2008 of Pharmacy Council of India

DEPARTMENT	DATE		TOTAL DURATION (in months)
	FROM	TO	
General Medicine	09-08-2021	05-02-2022	Six
General Surgery	03-02-2022	07-04-2022	Two
Pediatrics	11-04-2022	10-06-2022	Two
Obstetrics & Gynaecology	13-06-2022	12-08-2022	Two

[Signature]
PRECEPTOR

[Signature]
PRINCIPAL

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MEDICAL SUPERINTENDENT



[Signature]

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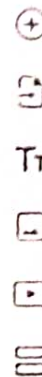
Pharm.D III Year

Medicinal chemistry

Email *

Required

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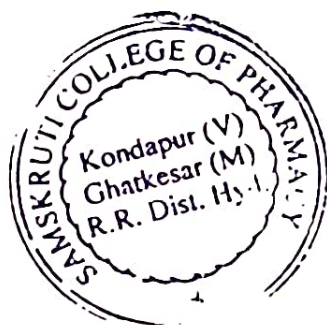


1. Write the classification of Anti cancer agents, write the synthesis mechanism of action of 5-Fluorouracil, Methotrexate

Required



2 a Write about Antiscabies and pedicular agents b Classify sulfonamides and write its



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SAMSKRUTI COLLEGE OF PHARMACY

Kondapur Village, Ghatkesar Mandal, RR Dist

ANSWER BOOKLET FOR ASSIGNMENT

Course: B Pharmacy Year: 2nd Semester: Vth Regulation: P.S.T Branch: Chemistry
 Name of the Student: A. Saikrishna H.I. No: 201711R0001 Date: / /
 Subject Name: Pharmaceutical Inorganic Chemistry Mid Term Exam: I/II/III
FOR EXAMINER USE ONLY

Question No	1	2	3	4
Marks Obtained				
Total Marks	In Figures	In Words	Subject Incharge Signature	

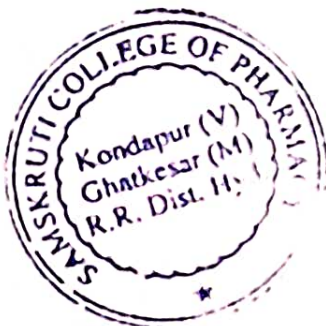
Signature of the Student: A. Saikrishna (Start Writing your answers from here)

Q.1. Discuss the following questions

1. Write about the properties of alpha, gamma and beta radiations?

Ans: Alpha particles, beta particles and gamma rays all originate from the nucleus of a radioisotope and particle property of ionising radiations is its ability to ionise atoms. That is, this type of radiation can cause an electrically neutral atom to lose an electron. The atom becomes charged and as a result an ion. For the cells of living animals, ionising radiations can create ions that are chemically reactive which can lead to the change or destruction of cell. Short term harmful effects are called acute effects and long term hazardous effect are called chronic effects.

Alpha particles:
Alpha particles radiations consist of two protons and two neutrons as they are heavy particles they are attracted by both electric and magnetic field. The speed of



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A Sastriya
2007180003

The α particle depends very much on the source, but typically are about 10% of the speed of light.

The capacity of the α particle to penetrate materials is not very great. It usually penetrates no more than a few centimetres in air and is absorbed by a relatively small thickness of paper or human skin. However, because of their speed and size, they are capable of ionising a large number of atoms over a very short range of penetration. This makes them relatively harmless - for most sources - that are about a metre or more away, as the radiation is extremely dangerous.

Beta particles:

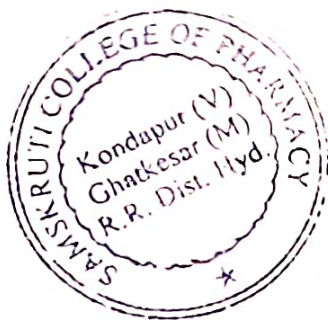
Beta particle radiation consists of fast moving electrons. Every β -particle carries either one negative or one positive electron charge (1.6×10^{-19} coulombs etc). They are affected by electric and magnetic fields. The speed depends on the source but it can be up to 90% of the speed of light.

β particles can penetrate up to 2m of air. They are stopped by a few millimetres of aluminium or 5mm of lead. Their ionising capacity is much less than that of α -radiation. They are very dangerous if ingested.

Gamma rays:-

Gamma radiation does not consist of charged particles, it is a form of very short wavelength electromagnetic energy. They travel at the speed of light (3×10^8 m/s).

Gamma radiation is very difficult to stop, it takes up to 30mm of lead. Although the ionising capacity of γ radiation is considerably smaller than that of beta radiation, their high penetration power means that they are dangerous even at a distance. They can penetrate our bodies and hit sensitive organs. They are particularly dangerous if ingested or inhaled.



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Sample Copy of Power Presentations: -

**KIDNEY
FUNCTION TESTS**
Prepared By
VIHAYA LAXMI
Samskruti college of Pharmacy



A handwritten signature in black ink, appearing to read "Vijaya Lakshmi".

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