

Biochemistry for Medical Students

By S M Patel

At the end of this lecture you should be able to understand

- **Why** are you in the medical field
- What are **goals** of a doctor
- **Role** of Biochemistry in the field
- How will you **study** Biochemistry
- How will you be **evaluated**

Why are you in the medical field

Why are you in the medical field

Respect

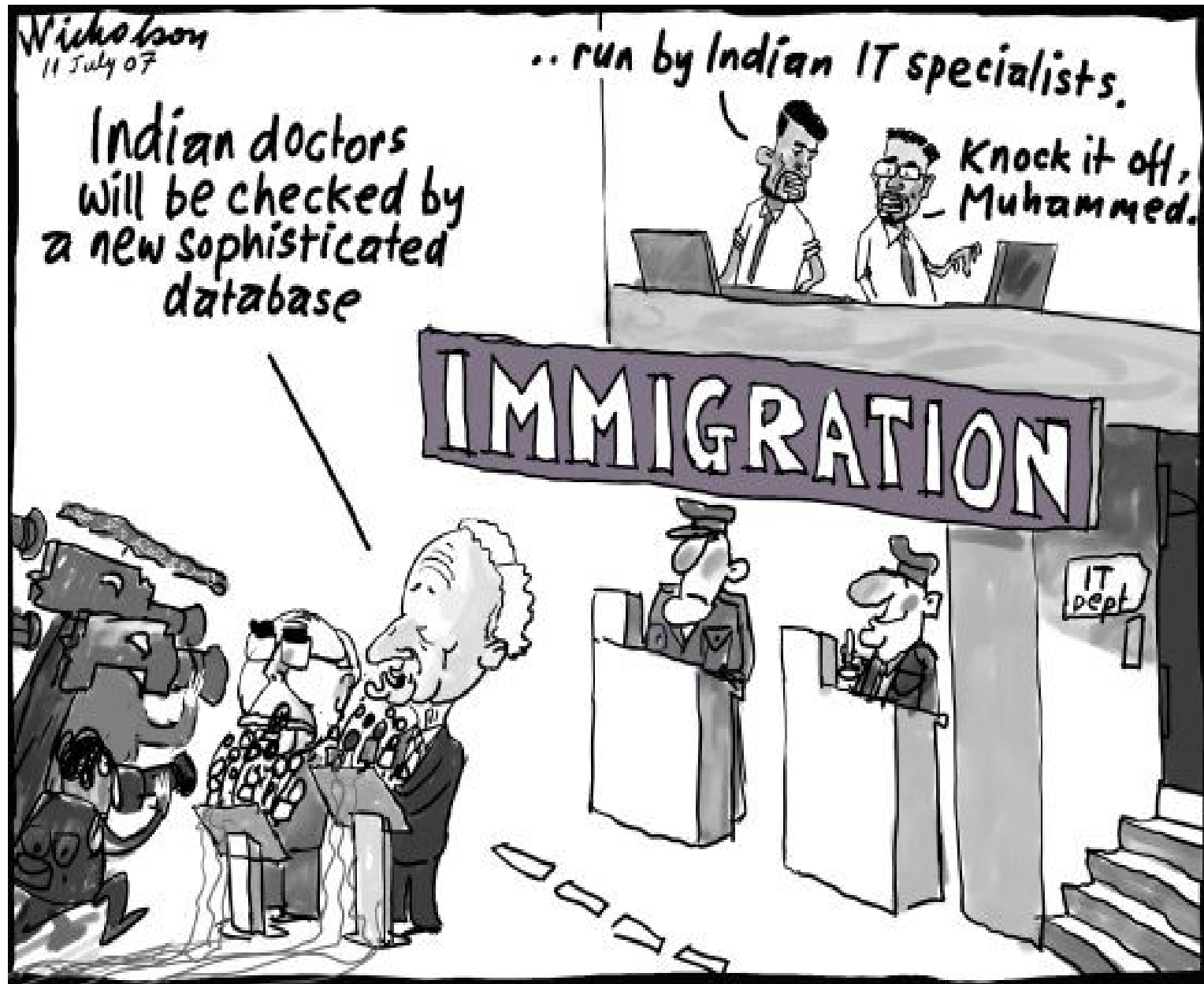


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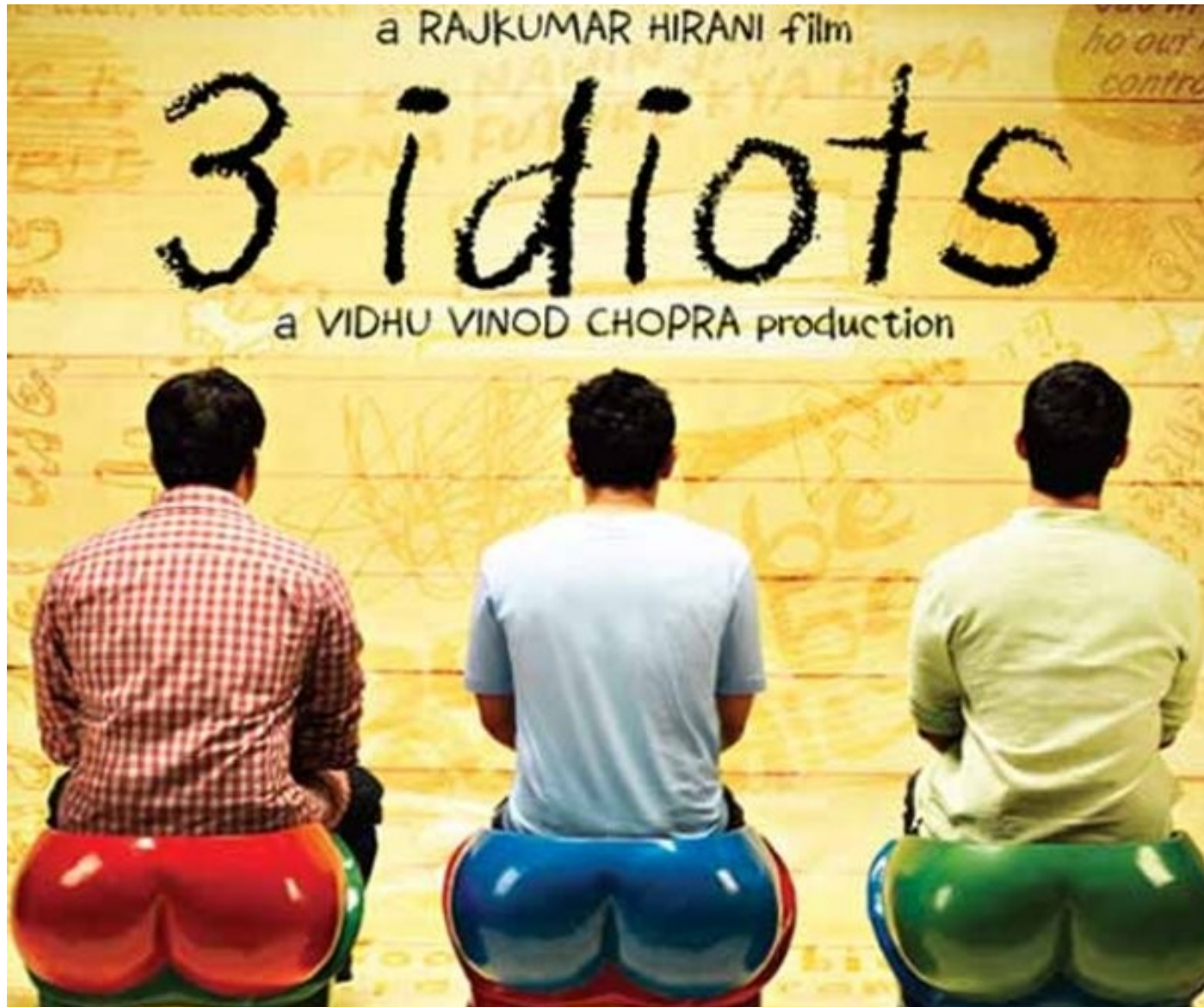
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"Let's play doctor — I'll listen to your heart and you give me all your allowance."

Why are you in the medical field



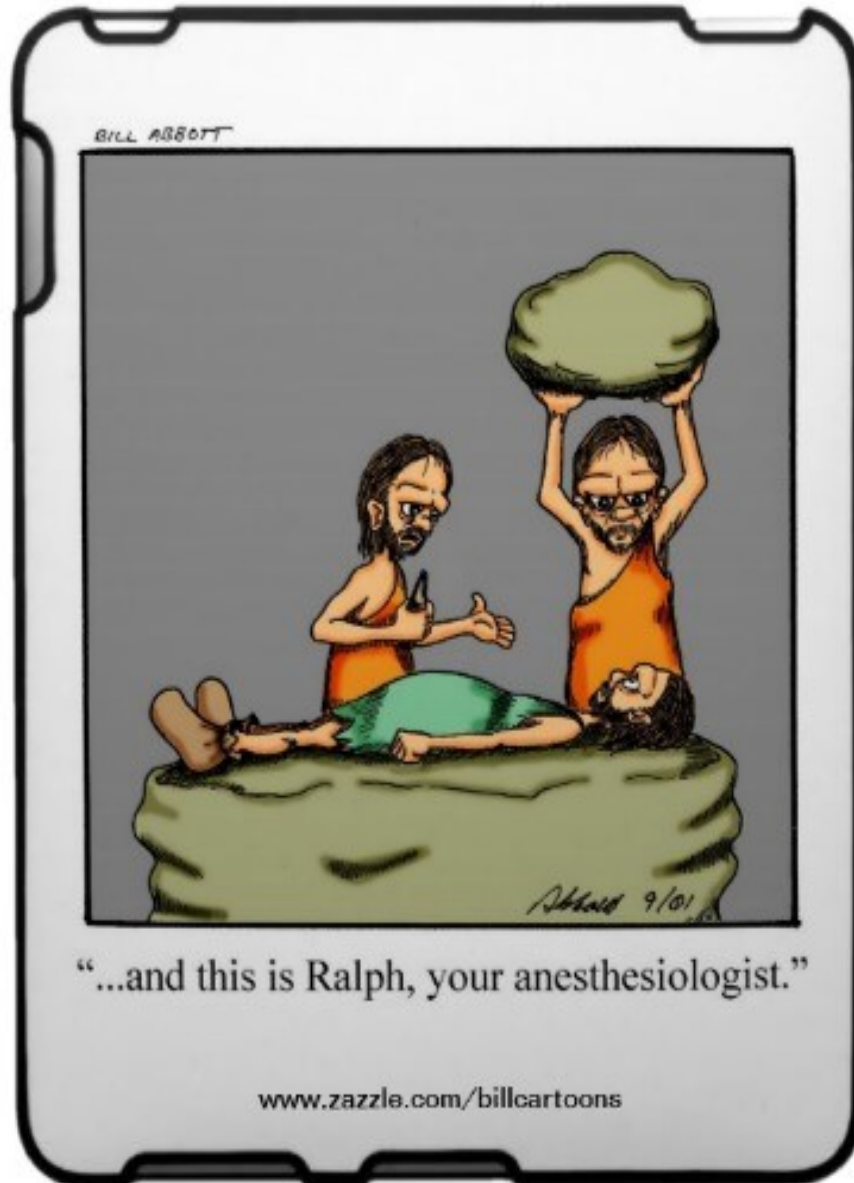
Why are you in the medical field



Family
pressure

Interest
can be
cultivated

Why are you in the medical field



Life is
Interesting
To study

Why are you in the medical field

Money



Why are you in the medical field

Service



What are **goals** of a doctor



To make patient happy

What are **goals** of a doctor



To make patient
live longer

What are **goals** of a doctor



To help patient reproduce

What are **goals** of a doctor

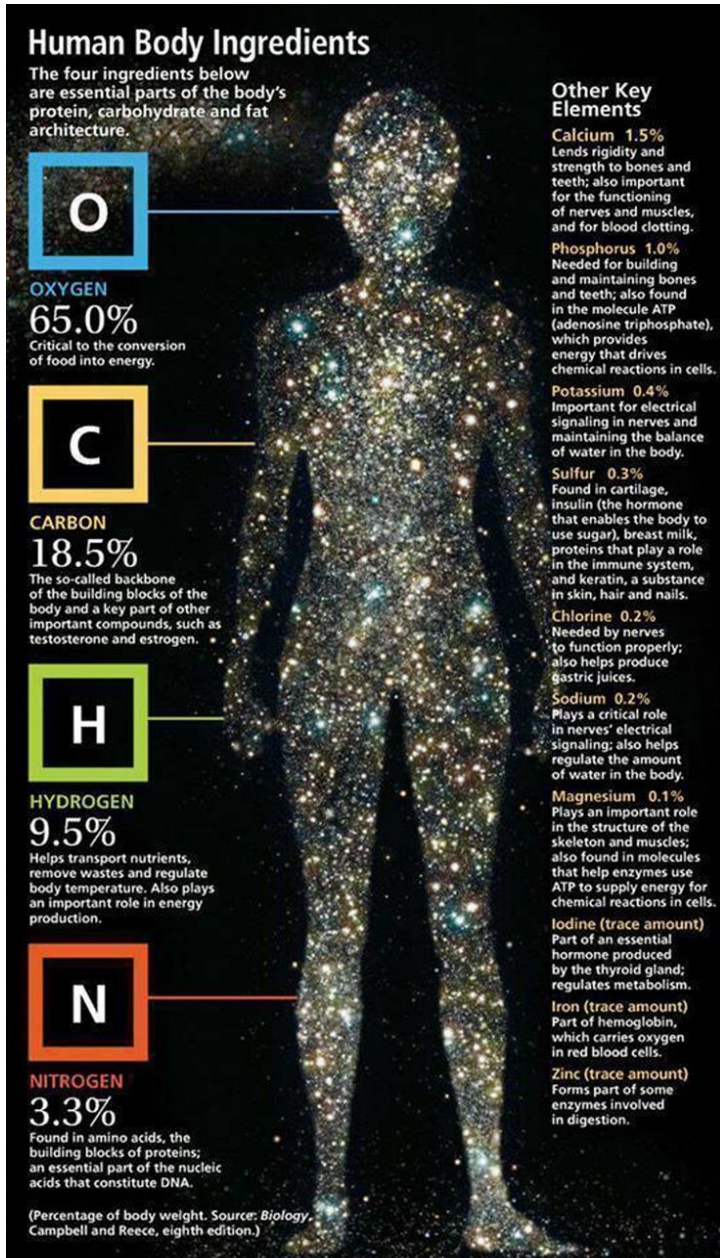
Whatever the reasons, the goals of becoming a doctor remain same

To make patient happy

To make patient live longer

To make patient reproduce

Role of Biochemistry in the field



Human Body
=
Collection of molecules

Role of Biochemistry in the field

Health = well behaving molecules



Role of Biochemistry in the field

Disease = Misbehaving molecules



Role of Biochemistry in the field

Treatment

=

Teach molecules a lesson to
behave themselves



How will you **study** Biochemistry

Teachers

Seniors

Books

Lippincott
Satyanarayan
Vasudevan
Harper

OLD way

How will you **study** Biochemistry

Not So OLD way

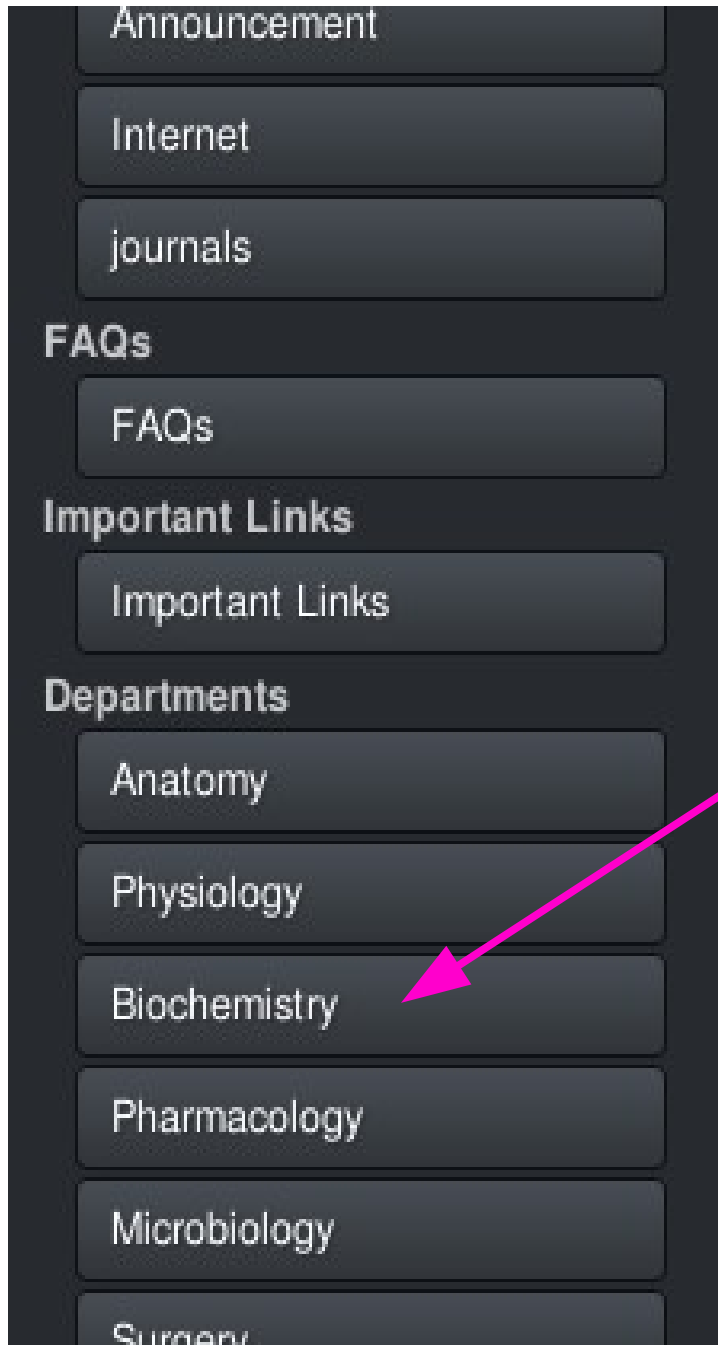
Internet: google, wiki, youtube

How will you **study** Biochemistry

Departmental web-resources

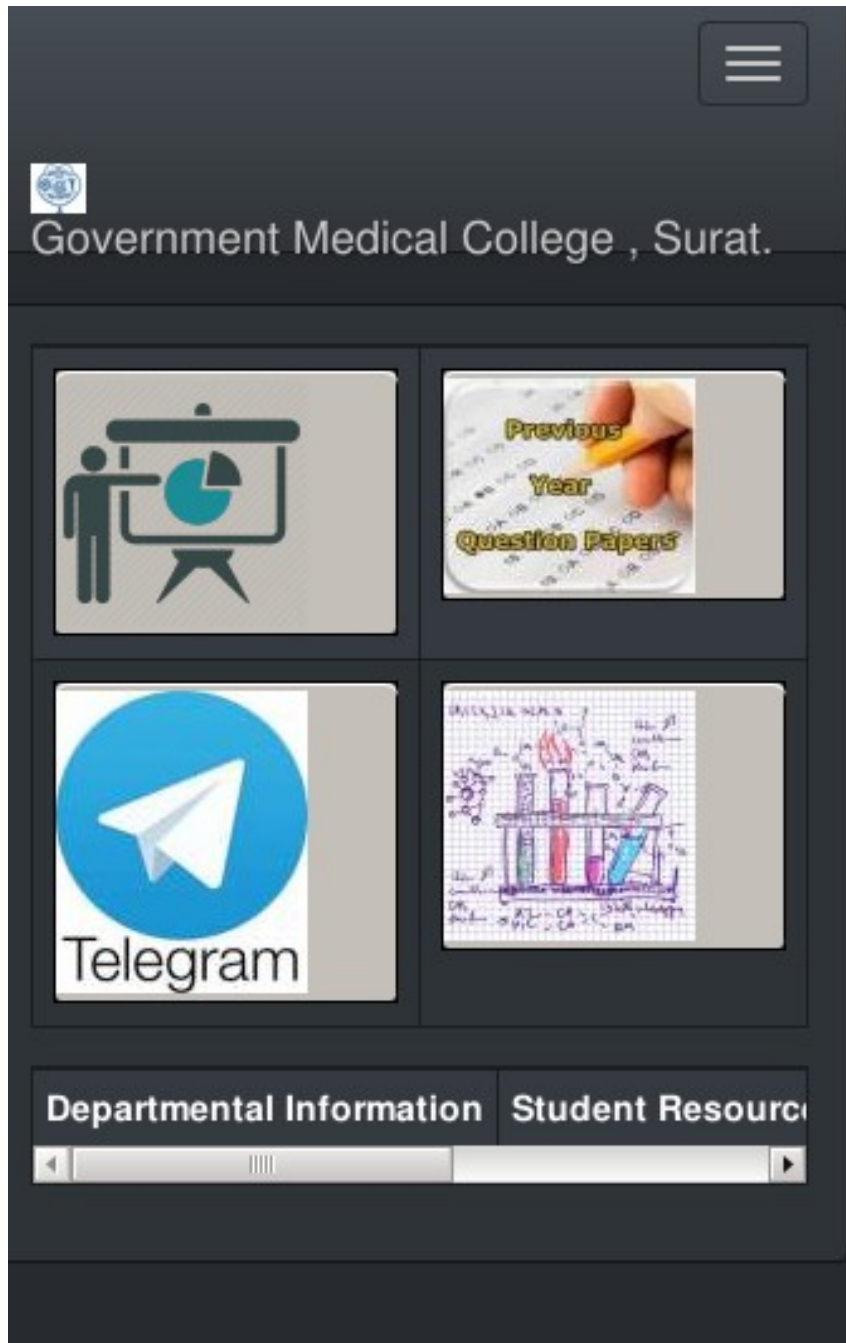
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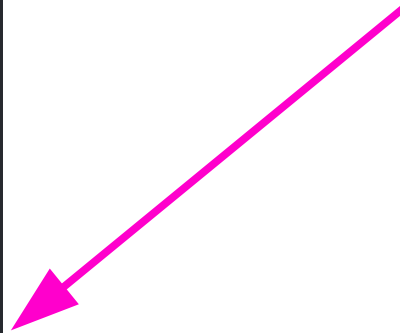


Biochemistry
link in sidebar

gmcsurat.edu.in



Buttons for
Lecture,
Questions,
Etc.



How will you **study** Biochemistry

How much?

Disease do not understand lectures,
books and examination marks

Every thing which help keep patient
happy, live longer and reproduce

Lifelong learning

Your capacity

Attend Lectures

How will you **study** Biochemistry

Mon	Wed	Fri
9-10 Lacture	10-11 Lacture	11-12 Lacture
14-15 Problem solving/ PBL	14-15 Problem solving/PBL	14-15 Problem solving/PBL
15-17 Practical	15-17 Practical	15-17 Practical

How will you be evaluated

Time	Theory + Viva	Practical
Variable, many	MCQ, Project	
6 month, C	50 +10	40
11 months, C	50+50+20	40
12 months, U	50+50 +20v +20i	40+20i
PG Entrance	MCQ	

How will you **study** Biochemistry

How much?

>50 % marks in Biochemistry

Prepare for All India PG Entrance