

DEPARTMENT OF HISTORY







ਹਾਸਿਮ ਫਤਿਹ ਨਸੀਬ ਉਹਨ ਨੂੰ ਜਿਨ੍ਹਾਂ ਹਿੰਮਤ ਯਾਰ ਬਣਈ



ਮੁਖਿ ਆਮਰੀ



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R-4161

PHYSICS STARS



PAOLA CLARANAN
N.S. (DINA, ESTACE) BEM 2
1st POSITION

ANICAL
N.S. (DINA, ESTACE) BEM 2
1st POSITION

ANICAL
N.S. (DINA, ESTACE) BEM 2
1st POSITION

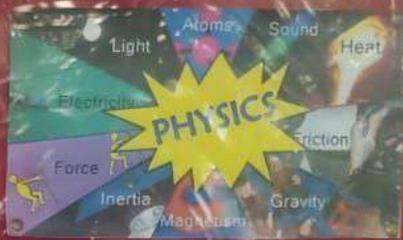


MARICORA
N.S. (DINA, ESTACE) BEM 2
1st POSITION

ADITYA
N.S. (DINA, ESTACE) BEM 2
1st POSITION

MARICORA
N.S. (DINA, ESTACE) BEM 2
1st POSITION

Physics of Life



Apply physics in your life

- Light up ur life
- Burn ur calories
- Magnetize ur love
- Gravitate ur friends
- Wave away ur enemies
- Electrify ur dreams
- Radiate ur happiness
- Oscillate ur thoughts
- Insulate ur body and mind

— Thomas Edison



$$T = T_0 \sqrt{1 - \frac{v^2}{c^2}}$$

The faster you move through space, the slower time passes for you

$$E = MC^2$$

The faster you move, the heavier you get

PUBLIC STARS



ਪੰਜਾਬੀ ਵਿਰਸਾ



ਸਾਹਿਬਜ਼ਾਦਾ



ਸਾਹਿਬਜ਼ਾਦਾ

ਲੋਕ ਕਥਾ

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ਪ੍ਰ. ਆ.
ਪ੍ਰ. ਆ.



**Better Environment,
Better Tomorrow,
Save Earth**



RISHIKA CHAUHAN BA SEM-IV 222409



**OZONE IS
NOT JUST A
LAYER
BUT A PROTECTOR
FROM UV-RAYS**

VIKASH
SUNDE
+2 (M.A.)
201801

Department of Food Science Quality Control and Microbiology



MICRO-ORGANISMS

A microorganism is an organism of microscopic size, too small to be seen with the naked eye. It can be seen with a microscope. *Examples: Bacteria, Fungi, Virus, Protozoa.*

Micro-organisms as helpful:

- Used in food & medicine
- Used in industry
- Used in agriculture

Micro-organisms as harmful:

- Causes diseases
- Causes spoilage of food
- Causes decay of materials

Key Players:

- Bacteria:** Single-celled organisms that can be seen with a microscope. They can be helpful or harmful.
- Fungi:** Can be seen with the naked eye. They can be helpful or harmful.
- Virus:** Very small organisms that can only be seen with a microscope. They can be harmful.
- Protozoa:** Single-celled organisms that can be seen with a microscope. They can be harmful.

How we use:

- Food:** Bacteria and fungi are used to make cheese, yogurt, and bread.
- Medicine:** Bacteria and fungi are used to produce antibiotics.
- Industry:** Bacteria and fungi are used to produce enzymes and other products.
- Agriculture:** Bacteria and fungi are used to produce fertilizers and pesticides.

Healthy Carbs

By a Nutritionist

Carbohydrates are the body's primary source of energy. They are found in many foods, including grains, fruits, and vegetables. Healthy carbohydrates are those that provide energy without causing spikes in blood sugar.

Types of Carbohydrates:

- Simple Carbohydrates:** Found in table sugar, honey, and white bread. They are quickly absorbed and can cause a rapid rise in blood sugar.
- Complex Carbohydrates:** Found in whole grains, fruits, and vegetables. They are broken down more slowly, providing a steady source of energy.

Benefits of Healthy Carbs:

- Provide energy for daily activities.
- Help with digestion.
- Support brain function.
- Help maintain a healthy weight.

Protein Structure And its Types

Protein Structure: All proteins are made of amino acids, joined by peptide bond or other bonds.

HOOC-CH(NH2)-R-CH2-CH(NH2)-COOH

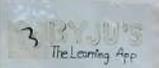
Types of Protein Structures:

- Primary Structure:** The primary structure of a protein is the linear sequence of amino acids in the polypeptide chain. It is the simplest way of looking at protein structure.
- Secondary Structure:** The secondary structure of a protein refers to the three-dimensional arrangement of atoms in the polypeptide chain. It is determined by hydrogen bonds between the atoms.
- Tertiary Structure:** The tertiary structure of a protein is the overall three-dimensional shape of the protein molecule. It is determined by a variety of forces, including hydrogen bonds, ionic bonds, and hydrophobic interactions.
- Quaternary Structure:** The quaternary structure of a protein is the overall three-dimensional shape of a protein complex, which is formed by the assembly of multiple polypeptide chains.

Types of Proteins:

- Fibrous Proteins:** These are long, thin proteins that provide structural support. Examples include collagen and keratin.
- Globular Proteins:** These are compact, rounded proteins that perform a wide variety of functions. Examples include enzymes and antibodies.

Successful Start-ups In India

Practice these to stay "Happy"

- Know your emotion
- Don't get Jealousy
- Don't take Critic
- Learn to ignore
- Learn to say No.



There is no commerce without community and there is no community without commerce"
- Michel Jemma

