**FIELD : SCIENCE AND TECHNOLOGY**

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**CONTEXT : LIFE IS NOW BETTER THAN IT WAS 100 YEARS AGO, DISCUSS THE STATEMENT IN ATLEAST 3 PAGES**

**Science and Technology in My Daily Life**

All phenomena are the result of science and technology, whether smartphones, fans, tyres, automobiles, fabric, paper, toothbrushes, power, microwave, automobiles, radio, television, laptop computers, etc.

Numerous scientific and technological contributions have assisted us in saving time and money. Technology has provided us with microwaves and steam cookers to help us cook and steam our food. Different items and equipment, such as computers, travel modes, washing machines, and so on, save us time and resources.

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8. **Science and Technology in Agriculture**

Science is used in agriculture to develop new crops and improve farming techniques. Science is also used to develop pesticides and herbicides, new irrigation methods, and research the effects of climate change on agriculture.

1. **Science and Technology in Health Care**

Science is used in health care to develop new drugs and therapies, study the human body, and diagnose and treat diseases. Science is also used to develop medical devices and new surgical techniques.

1. **Science and Technology in Medicine**

Though medicine has made significant advances in health care by providing treatment for a variety of chronic conditions, technology has made it possible for us to access these services through a variety of methods and X-ray machines, MRI machines, operating systems, pacemakers, and much more. We also have a variety of fitness devices, wellness apps, an online doctor, and other items to help us maintain good health and quality of life.

1. **Science and Technology in Environment**

Science is used in manufacturing to design new products, improve the efficiency of production processes, and investigate the environmental impact of manufacturing.

Science is used in environmental protection to study the impact of human activity on the environment, develop new methods of cleaning up polluted areas, and develop strategies for long-term development.

1. **Science and Technology in Education**

Science and technology have also made significant contributions to education. Science has provided us with a wealth of knowledge, so we have a diverse range of topics to study. Education has become more accessible as a result of technological advancements. It has provided us with options such as smart classrooms, multimedia computers, e-libraries, e-books, and so on.

1. **DNA discovery changed world in dramatic ways**

Without question, one of the most groundbreaking achievements of the last 100 years is the discovery of the molecular structure of deoxyribonucleic acid, or DNA. This hereditary molecule contains the codes that dictate the structure of protein molecules or enzymes that are formed in every living organism.

The discovery, made by James Watson and Francis Crick with the help of Rosalind Franklin in 1953, has shed enormous light on various aspects of hereditary diseases and their inheritance pattern.

It has led to monumental advances in the way we understand, diagnose and treat diseases. It has vastly improved our ability to diagnose diseases earlier, and the multibillion dollar biotechnology industry has evolved around this discovery.

The criminal justice system has also greatly benefited from this discovery. DNA fingerprinting is now widely used to find the culprit in a crime. Falsely accused and imprisoned suspects have been acquitted and exonerated with the use of DNA evidence.

Genetically modified organisms, also made feasible by this discovery, are on the rise throughout the world. Paternity identification — something that can impact a family in a profound way — was only made possible with the discovery of the DNA double helix.

In the last 60 years, the discovery of DNA has led to tremendous progress in the fields of medicine, agriculture, the legal system, bioremediation and many others, with many advances to come in the future.

The discovery itself is also a remarkable feat of human achievement, coming after decades of research into what is now known as DNA.

In 1951, the Chicago-born, 23-year-old Watson attended a conference in Naples, where he heard a talk by researcher Maurice Wilkins on the underlying molecular structure of DNA. Watson was fascinated by the X-ray crystallography pictures of the DNA molecule that Wilkins was studying.

1. **Importance of Science and Technology in Our Daily Lives**
2. Science and technology make life easier and more comfortable for humans.
3. Science and technology enable us to save both time and money.
4. Science and technology open up new perspectives of understanding.
5. Science and technology aid in the advancement of the field of education.
6. Science and technology contribute to the development of treatment and therapeutic equipment.