Month: May, 2020

Class: IX

Subject: English

Module: 3/3

Topic: Reader, Unit-4:

<u>A Truly Beautiful Mind</u>

Teacher: Smt V.Amulya, TGT(SS)

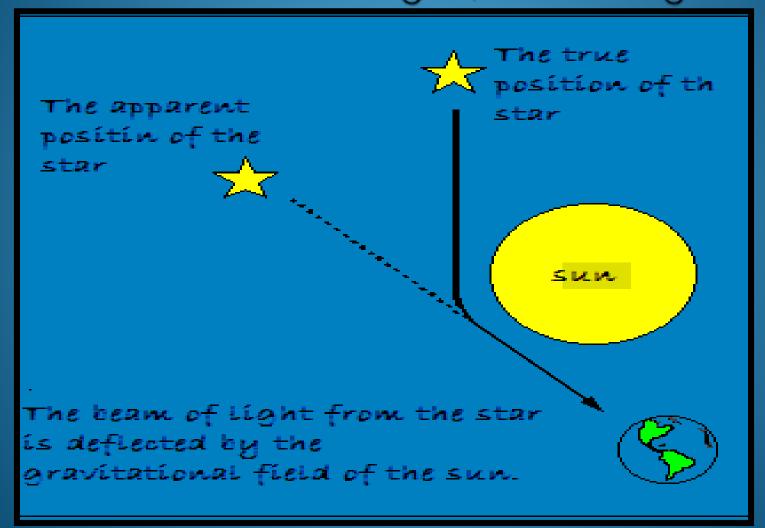
School: AECS, Manuguru



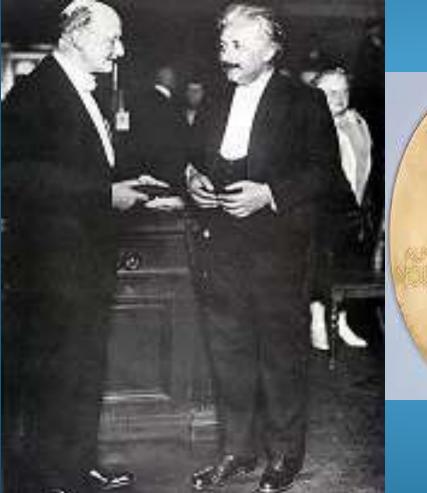
### Recap:

- Secured a job in 1902 as a technical expert in a patent office in Bern.
- -Began developing his own theory.
- Einstein married Mileva Maric in 1903.
- -In 1905 he published his famous papers-'Special Theory of Relativity', which proved to the world that he was a genius,
  - $E = mc^2$
- -He had two sons from this marriage.
- The couple got divorced in 1919.
  - He married his cousin Elsa the same year.

In 1915 Einstein published his world famous - 'General Theory of Relativity'

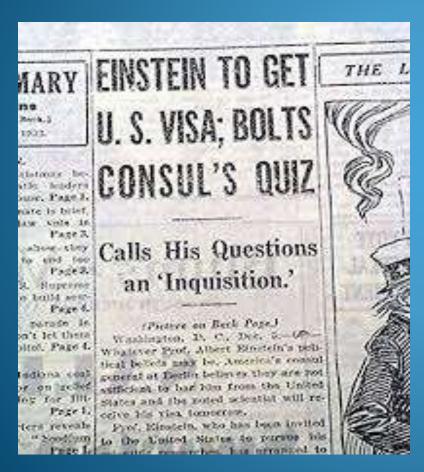


## Einstein received his Nobel Prize in 1921





Albert Einstein emigrated to the US in 1933 after the Nazi's, the Jew haters, came to power in Germany.



## Einstein to Avoid Germany Under Hitler

SOUTHAMPTON, Eng. — (U.P) — At long as the Hitler regime is triumphant in Germany, Dr. Albert Einstein will not return to that country, the scientist reiterated today upon his arrival at Southampton from America.

He said he was ready to believe that the alleged persecution of Jews was not officially sanctioned. "Mob passion never was," he added. "But Hitler was avowedly anti-semitic before his election."

Einstein's 1939 letter to President Franklin D. Roosevelt of the U.S., urging him to start a nuclear programme. (Einstein's warning that the Germans might develop atomic bombs led to Roosevelt's bomb-building Manhattan Project.)

The missive that moved us, shook us and, altered the course of history.

Albert Einstein Old Grove Ed. Nassau Point Peconic, Long Island

August 2nd, 1939

P.D. Roosevelt, President of the United States, White House Washington, D.C.

#### Sir;

Some recent work by 3.Fermi and L. Szilard, which has been communicated to me in menuscript, leads me to expect that the element uranium may be turned into a new and important source of energy in the immediate future. Certain aspects of the situation which has arisen seem to call for watchfulness and, if necessary, quick action on the part of the Administration. I believe therefore that it is ny duty to bring to your attention the following facts and recommendations:

In the course of the last four months it has been made probable through the work of Jaliot in France as well as Fermi and Sullard in America - that it may become possible to set up a nuclear chain reaction in a large mass of uranium, by which wast amounts of power and large quantities of new radium-like elements would be generated. Now it appears almost certain that this could be achieved in the immediate future.

This new phenomenon would also lead to the construction of bombs, and it is conceivable - though much less certain - that extremely powerful bombs of a new type may thus be constructed. A single bomb of this type, carried by boat and exploded in a port, might very well destroy the whole port together with some of the surrounding territory. However, such bombs might very well prove to be too heavy for transportation by air.



Einstein regrets giving the suggestion of building a bomb after the Hiroshima -Nagasaki horror



I am not only a pacifist but a militant pacifist. I am willing to fight for peace. Nothing will end war unless the people themselves refuse to go to war.

Albert Einstein

AZQUOTES

# On April 18<sup>th</sup> 1955 Einstein breathed his last



Dr. Albert Einstein (1879-1955)

Academic Freedom Was

Concern Of Physicist

Dr. John Von Neumann, member of the Atomic Energy Commission and professor at the Institute, expressed the belief that "Dr. Einstein has left an indelible mark upon contemporary physics and the philosophy of science. At least two generations of physicists have been profoundly influenced by his methods," he said.

Dr. Harold W. Dodds told the Princetonian this morning that "the contributions which Dr. Einstein made to man's understanding of nature are beyond assessment in our day. Only future generations will be competent to grasp their full significance.

"He combined broad human avmpathy and a deep appreciation of the arts with his scientific genius," Dr.

he accorded a historic place in man's mighty creative ability of the indiquest for scientific achievment beside the names of Archimodes, Euclid, Galileo, Copernicus and Sir Isaac New-

ton. In Washington, President Eisenhower issued the following statement:

"For 22 years the United States has been the freely-chosen home of Albert Einstein, For 15 years, he has Harvey explained that Dr. Einstein's been a citizen of the United States by his own free and deliberate choice. Americans welcomed him here. Americans were proud, too, that he sought and found here a climate of freedom his search for knowledge and truth.

"No other man contributed so much to the vast expansion of twentieth-century knowledge, yet no other man was more modest in the posses-

Dr. Thomas S. Harvey, the Hoapital's pathologist, performed an

concurred with Dr. Dean's diagnosis. "A small leak from the aneurysmal ane into the tissues behind the aorta

brought death," Dr. Dean said. Dr. aorta (the main blood vessel in the body) was "bulged out like an old inner tube and finally broke." He added that the allment was similar to arterio-selerosis, or hardening of the arteries.

A Professor Emeritus in the School of Mathematics at the Institute for Advanced Study here, Dr. Einstein was born at Ulm, Germany, on March 14, 1879, He was a Nobel Prize win-

**Of German-Born Relativity Theorist** 

Dr. Albert Einstein died this morning at Princeton Hospital, Seventy-six last month, the physicist succumbed at 1:15 a. m.

illness, according to Dr. Guy K. Dean, his personal physician. He had apparently been making a recovery from a leak in the aorta

vidual in a free society."

autopay shortly before noon today and

### **OppenheimerPays Tribute to Friend**

Public officials, friends and colleagues throughout the nation mourned the loss of the teacher, acholar and world-renowned nuclear physicist today following the news of Dr. Einstein's deuth.

Dr. J. Robert Oppenheimer, director of the Princeton Institute for Advanced Study, where Einstein has earried on his work since 1933, when he came to America as a voluntary exile from Germany, stated that "the death of Albert Einstein is a kind of mourning for all acientists and for most men. He was one of the great of all ages."

**Dodds Cites Human Sympathy** 

-A world citizen

- -A lover of peace.
- -Had a great sense of humour.
- -Believed in liberty of thought.

Thís lesson should prompt you to know more of thís great human being.

## Yourturn:

- -Read through the pages, 49 § 50.
- Read it silently once and loudly the second time.
- Answer the questions and filling blank spaces in the worksheets of all the three modules.

## Bye then....

