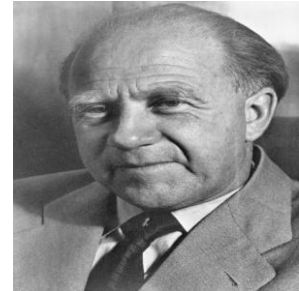


Anglais scientifique1-3Physique-semester1

<https://www.britannica.com/biography/Werner-Heisenberg>



Unit 1 3rd English

READING PASSAGE

Werner Heisenberg

Werner Heisenberg, in full **Werner Karl Heisenberg**, was born December 5, 1901, Würzburg, Germany—and died February 1, 1976, Munich, West Germany, was German physicist and philosopher who discovered (1925) a way to formulate quantum mechanics in terms of matrices. For that discovery, he was awarded the Nobel Prize for Physics for 1932. In 1927 he published his uncertainty principle, upon which he built his philosophy and for which he is best known. He also made important contributions to the theories of the hydrodynamics of turbulent flows, the atomic nucleus, ferromagnetism, cosmic rays, and subatomic particles, and he was instrumental in planning the first West German nuclear reactor at Karlsruhe, together with a research reactor in Munich, in 1957. Considerable controversy surrounds his work on atomic research during World War II.

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GRAMMAR

I-comparison:

1/Comparative : Comparing two things .

Superlative : Compare more than two

Monosyllabic adjectives for comparison		
Without addition As same adjective as	Comparative Addition: er	Superlative Addition: est
As fast as As big as As heavy as	Faster than Bigger than Heavier than	The fastest The biggest The heaviest

Adjectives with two or more syllables for comparison		
Without addition As same adjective as	Comparative Addition: more.....than	Superlative Addition: the most
As modern as As common as As beautiful as As important as	More modern than More common than More beautiful than More important than	The most modern The most common The most beautiful The most important

2/Irregular Adjectives:

Adjectives	Examples
good	Sara is the best girl at school
well	Fruit is better than sweets
bad	He is the worst driver I've ever seen
A little	Food is less important than water
Much-many	Water is the most important thing in life
far	My house is the furthest one
old	Bader is my elder brother

II-Frequently used words:

word	In arabic	Word	In arabic	word	In arabic	word	In arabic
By and by	قريبا	By no means	مطلقا	By the way	بالمناسبة	Come out	يخرج
By all means	طبعاً	By heart	عن ظهر قلب	Come	يأتي	Come up	يصعد
By chance	بالصدفة	By any	بأية وسيلة	Come in	يدخل	Come down	ينزل

FAROUK LADJAILIA

		means					
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III-Meanings of words in Arabic:

Words	In Arabic	Words	In Arabic	Words	In Arabic
However	على اية حال	Soever	أيا كان	Wherever	حيثما
Whatever	مهما كان	Whatsoever	مطلقا	Whenever	كلما