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الاقتصاد الوطني

في المجالات العلمية  
المختلفة



[www.kotobarabia.com](http://www.kotobarabia.com)

د. زينب صالح الأسود

**الاقتصاد التطبيقي**

**بين**

**المجالات العلمية المختلفة**

**د/ زينب صالح الأشوح**

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## طبقا لقوانين الملكية الفكرية

جميع حقوق النشر و التوزيع الالكتروني  
لهذا المصنف محفوظة لكتب عربية. يحظر  
نقل أو إعادة نسخ أو إعادة بيع أى جزء من  
هذا المصنف و بثه الكترونيا (عبر الانترنت أو  
للمكتبات الالكترونية أو الأقراص المدمجة أو أى  
وسيلة أخرى) دون الحصول على إذن كتابي من  
كتب عربية. حقوق الطبع الورقى محفوظة  
للمؤلف أو ناشره طبقا للتعاقدات السارية.

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( Economics ) " "

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Men and society end up )

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( Standard )

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( Natural Sciences )

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Chronic )

( Disease

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( Interrelationship )

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High – cost users of )

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## **:A Balanced Diet**

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( Spices & Flavouris )

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( Premature )

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( Cow's Milk )

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( Obesity )

( Bottle milk )

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( Semi – Solid foods )

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" " ( Malnutrition ) "  
( Under nutrition )

Non – Technical )  
Malnutrition " " ( language  
Inadequate ) ( )  
( nourishment

.( Under feeding )

( Qualitive ) ( )

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( Quantitative ) ( )

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) ( Nutrition )

Mal " ) ( ) ( " Under " ) (

( Under ) ( ) ( "

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( Malnutrition )

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( Disorder )

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( Malnutrition ) "

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( Obesity ) " "

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**:Shortage of food**

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) ( Wants )

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( The safe level ) "

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( Meet or exceed )

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Balanced growth ( )

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( The rate of recovery )

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$$\frac{\quad}{\quad} \times \quad / \quad = \quad ($$

$$\frac{\quad}{\quad} \times \quad = \quad ($$

$$\frac{\quad}{\quad} \times \quad / \quad = \quad ($$

( Quality )

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( Life expectancy ) (

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( Efficiency ) (

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( Correlation )

( Analysis of Variance )

.( Mutiple Regression )

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Human body

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.( Measuring ) -

( Evaluating ) -

Classifying & ) -

.( Interpreting

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:( Data Collection technique )

Cross – sectional ) -  
( technique

Longitudinal ) -  
( technique

.( Mixed technique )

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Standard )

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( Measurements

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:( Indicator )

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.( % of standards )

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Standard deviation )

.( scores

.( Percentiles )

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$$\times \frac{\quad}{\quad} = \%$$

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$$\frac{1}{2} : \frac{1}{3} = \frac{1}{2} \times \frac{3}{1} = \frac{3}{2}$$

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$$( ) \dots \% \quad , \quad = \quad \times \quad \frac{\quad}{\quad} = \quad / \quad \therefore$$

$$\quad : \quad /$$

$$( ) \dots \% \quad , \quad = \quad \times \quad \frac{\quad}{\quad} = \quad / \quad \therefore$$

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$$( ) \dots \% \quad , \quad = \quad \times \quad \frac{\quad}{\quad} = \quad / \quad \therefore$$

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( Federico Gomez )

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( Mild )

( Moderate )

( Severe )

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( % ) ( Derrick Jelliffe )

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( John Waterlow )

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 ( Normal ) : -  
 % / %  
 . /  
 ( Wasting ) : -  
 % / %  
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 % (Stunting ) : -  
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 ( Wasting/ Stunting ) : / -  
 / %  
 / %

(Stunting )

.( Wasting )

( Chronic )

( Acute )

( Current )

( Recent )

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Overweight/ ) / -

/ + % :( Obesity

( Normal ) -

/ % %

:( Moderate wasting ) -

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:( Severe wasting ) -

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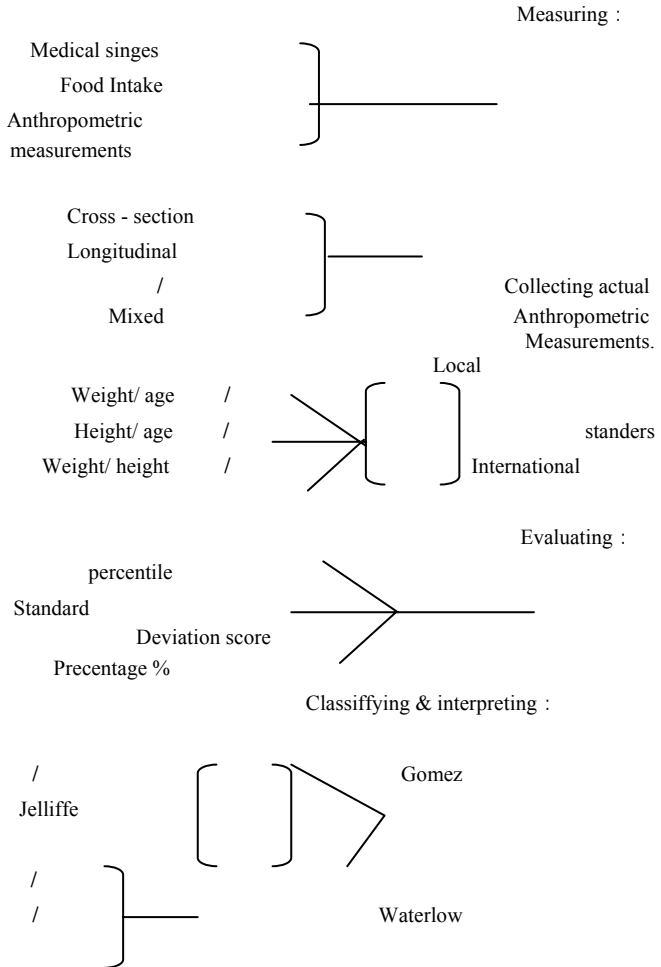
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### The Process of assessing nutritional status



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Pilot study"

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**Administration of a pilot**

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( Unni Wikanm, 1980 )

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**Method of sample design :**  
**and selection**

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Multi – stage ) "

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( Between ) "  
" ( Within )  
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The ) -  
.( sampled cases  
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Moserc & Kalton G., 1989 p. 118 )

.( Atkinson j, 1971; Reh E., 1976 pp 30 – 37

:

.( Capmas., 1987 p. 207 )

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Samphling Multi – stage cluster )"

( parten M. ۱۹۶۰, pp ۲۳۹ – ۲۴۲

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It. D been " "

chosen because of its cosmopolition

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( **between** )

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( **within** )

( heterogeneous )

.( Homogenous )

( Affluent areas )

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( a proxy criterion )

( population density ) " "

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( Capmas, 1987 pp. 2, 3, 19 )

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Posh and )

( scarcely – populated

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( Unpriviledged & thinly populated )

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( middle areas )

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.( Reh M. ۱۹۷۶. p ۳۶ )

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( Ideally )

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( every other housing unit )

( every other flat )

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Reh M. ۱۹۷۶ pp. ۳۰ – ۳۶; Arab )

( republic of Egypt, ۱۹۸۰. p. ۰

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Moving )  
from the first unit in a clock wise direction to  
( every other unit

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( a nuclear family )

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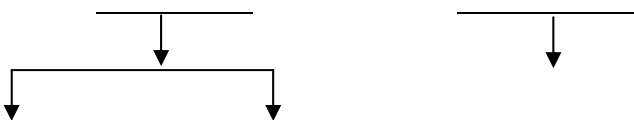
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( between )

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( within )



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**Data collection & administration of**  
**:Questionnaire**

Moser C. A pp ٢٧٠ – ٢٨٠; Arkinson J. ١٩٧١, )  
( pp. ٤٧ – ٥٠

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( a preamble )

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.( Wikan A., 1980. )

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( Hainville G., 1978, p. 167 )

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( Parten M., 1960.p.173 )

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**Lain Caveats and limitations an collected**

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: ( Linear model)

$$Y = a + b_1 X_1 + b_2 X_2 + \dots + b_n X_n + U$$

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( dependent )

( Y )

( X<sub>1</sub> – X<sub>n</sub> )

) ( Independent

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( explanatory

.( Constant )

( a )

(  $b_1 - b_n$  )  
( coefficients )

( Residuals ) ( U )

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**:( Numerical variables )**

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x \_\_\_\_\_ = /  
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( nuclear ) "

( Spss )

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( Stepwise : )

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$W_t = 1,91 + 0,7 \text{ fex} - 0,3 \text{ siz}$

( Weight/ age )  $W_t$

nuclear ) siz ( food expenditure ) fex

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" " ( Dummy )
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" Spss

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$$\text{Weight/ age} = 1,93 + 0,3 \text{ pp} + 0,7 \text{ sec} + 0,0 \text{ Univ}$$

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The reference )

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a -

b \ " pp / "

b \ " sec "

: b \ " Univ "

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a + b \ = / "

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a + b \ =

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a + b \ =

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$$1,96 = 1,93 + 0,03 =$$

$$2,00 = 1,93 + 0,07 =$$

$$1,98 = 1,93 + 0,05 =$$

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$\cdot R^{-\gamma}$

$R^{-\gamma}$

The coefficient of multiple  $R^{-\gamma}$  )  
( determination

$R^{-\gamma}$



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**( Equivalent worth )**

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.( Present worth ) -

.( Annual worth ) -

.( future worth ) -

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.( Minimum attractive rate of return )

( **rate of return** ) :

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.internal rate of return -

External rate of -

.return

Explicit . -

.reinvestment rate of return

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( Strategic )

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( Engineering alternatives )

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**( Feasibility studies ) :**

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**( Efficiency )**

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( ) ( Variabl cost ) : -

( first cost ) : -

( Implicit cost ) : -

( Explicit cost ) : -

( Opportunity cost ) : -

( Mean cost ) : -

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( Margind cost ) : -

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$$\times \frac{\quad}{\quad} =$$

$$\% \quad , \quad = \quad \times \quad \begin{pmatrix} \quad \\ \quad \end{pmatrix} =$$

$$(\% \quad , \quad )$$

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 & \dots \% = ( \quad ) \\
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 & \dots ( \quad )
 \end{aligned}$$

$$\begin{aligned}
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 & + \frac{\dots}{( \dots + )} + \frac{\dots}{( \dots + )} + \frac{\dots}{( \dots + )} = \\
 & \frac{\dots}{( \dots + )} + \frac{\dots}{( \dots + )} \\
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 \end{aligned}$$

$$\dots = \dots =$$





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$$= \frac{'}{+ )} + \frac{'}{(\ , + )} =$$

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## :Measures of Financial productivity

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( Efficiency )

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( Actual )

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( sensitivity )

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( Uncertainty )

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## Time – money relationships

( Time – Value)

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).( Time Value of money )

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planning City ) -  
( and Regional

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:( Civil Engineering ) -

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:( Architecture ) -



:( Mining engineering ) -

Petroleum ) -

:( engineering

:( Electrical engineering ) -

Mechanical ) -

:( engineering

Engineering system ) -

:( & Computer

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:( Medical engineering ) -

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( Cost/ beefit ) /

( Cost/ ifficiency ) /

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**:( Economics of information )**

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( School of information studies )

( Syracuse )

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:( **Accessibilty** )



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**:( Comprehensiveness )**

**:( Accuracy )**

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**:( Appropriateness )**

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**:( time liness )**

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**:( Clarity )**

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**:( Flexibility )**

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**:( Information sources )**

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**:( information definition )**

( Data )

( Information )

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" Givens " " "

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**Primary** ) " " ( \_\_\_\_\_

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.( Observation ) -

.( Experiment ) -

.( Survey ) -

( secondary ) (

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- .( Company information ) -
- purchased outside ) -
- .( sources
- .( Publications ) -
- .( Government agencies ) -

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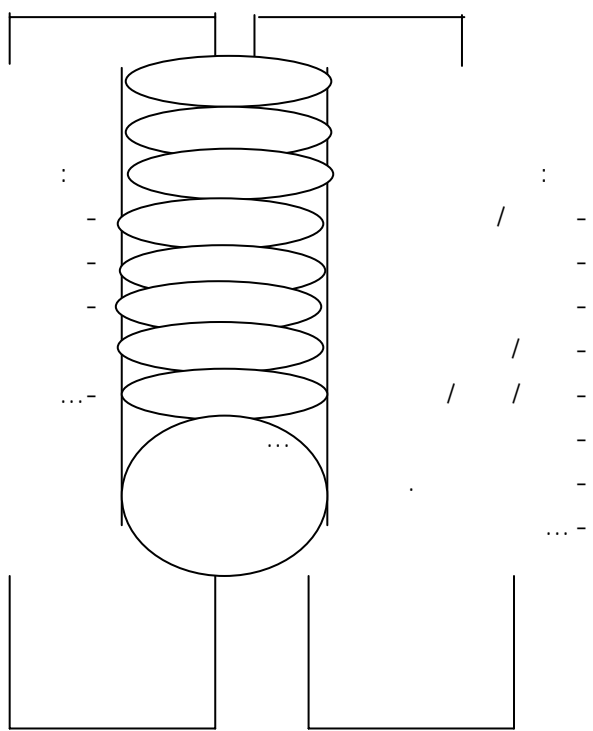
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**:Cost of producing information**

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**:( Start up costs )**

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**:( Development costs ) ( )**

**:( Operating Costs )**

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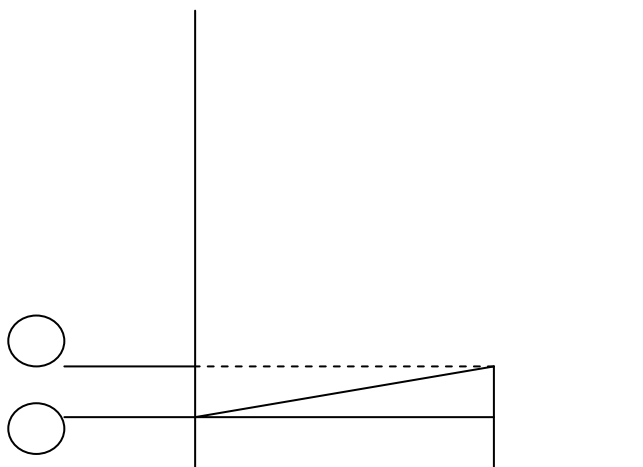
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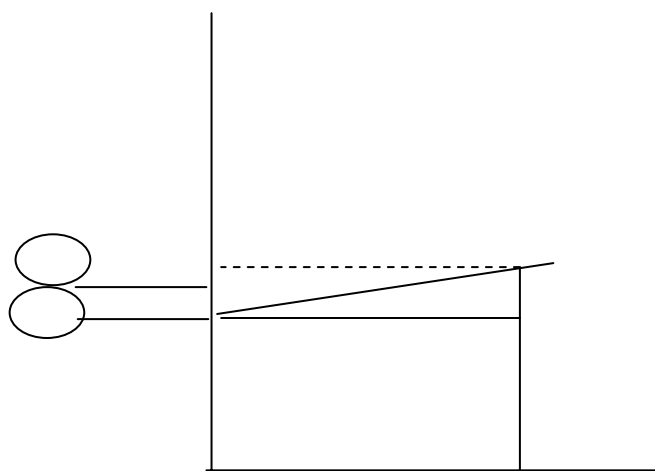
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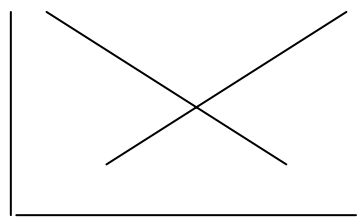
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( Artificial intelligent tool) "

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( To be Familiar )

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( Data )

( input data )

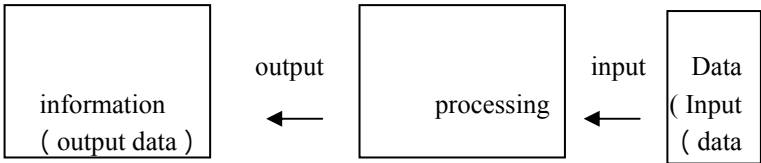
( processing )

( information )

( output data )

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( Control Unit ) -

Arithmetic and logic ) -  
( unit

( Main memory ) -

( Data )

( Commands )

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Read only ( Rom ) -

:memory



Random Access ( Ram ) -  
: memory

:( **Processor** ) ( )

( Integrated Circuits )

( Mega Hertz )

( )

:( **Input units** ) ( )

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:( Keyboard ) (

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( Typing Keys ) (

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( Space Bar ) -  
( Curser )

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( Tab ) -

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( Letters )

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( Backspace )

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( Caps Lock )

( Enter )

( Computer Keys ) (

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( insert ) -

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( Delete )

( Page up )

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( Page Dn ) .

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( End )

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( Home )

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:( Numeric Keypad ) (

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:( Cursor keys ) (

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:( Function keys )

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:( **Scanner** )

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:( **output Units** )

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( Monitor )

( Printer ) .

( Storage devices ) .

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( Bit )

(bit)

( Byte )

( Bits )

**:( Software )**

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**:( Operating system )**

( Dos )

( Unix )

**:( Application Programs )**

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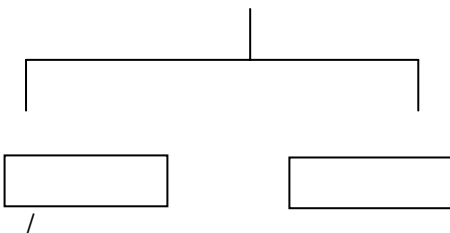
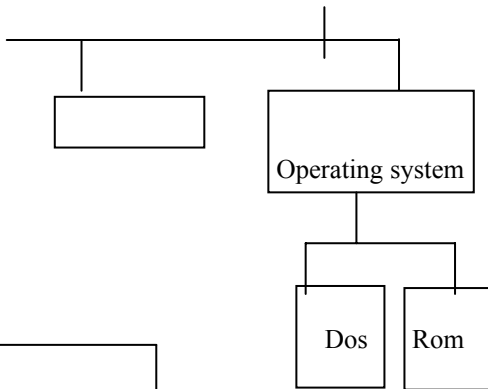
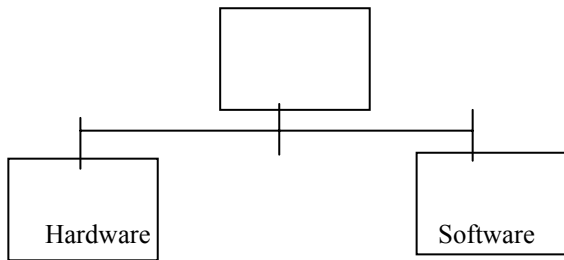
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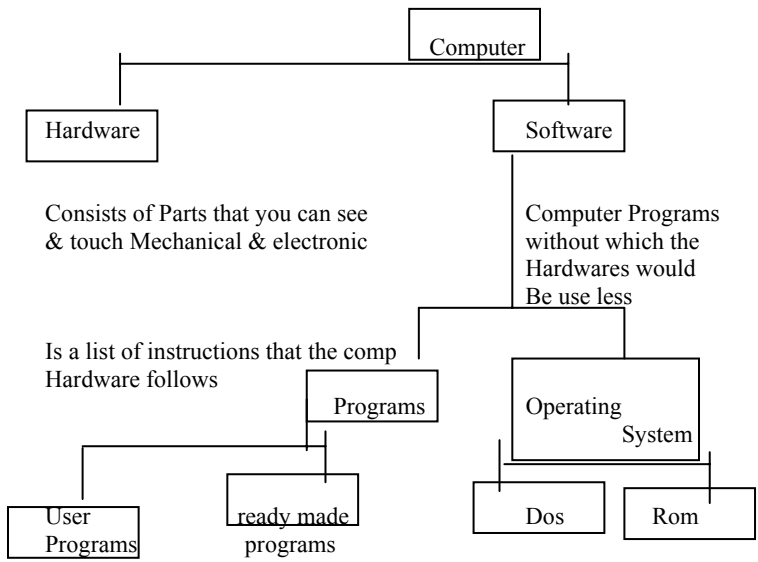
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Consists of Parts that you can see & touch Mechanical & electronic

Computer Programs without which the Hardwares would Be use less

Is a list of instructions that the comp Hardware follows

Made for specific Purpose for one user

collection of programs written To be useful to a Number of people

designed to control the comp

Various Kinds of operating System.

- Software is the " Mind " of machine, Hardware is a body without the mind, the body does not Know want to do.



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**:( Editing )**

( Dos )

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" F 2 " ( )

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( Type my file. Book )

( I )                    ( F 3 )

.( Type my f )

" F 3 " ( )

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" Ctrl + left Arrow " ( )

" Ctrl + right Arrow " ( )

" Ctrl + End " ( )

" Ctrl + Home " ( )

" Ctrl + C " ( )

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" Ctrl + Alt + Delete " ( )

.( Power )

" Esc " ( )

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" Ctrl, Alt " ( )

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## :( Internal Commands )

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C:/> dir ( C ) -

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C:/> dir/ p (

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C:/> dir/ w

C:/> -

dir/ P/ W

C:/> dir A\*\* ( A ) -

C:/> Dir File name. ext -

C:/> Time -  
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C:/> Current time is hh: mm: ss  
Enter new tim

ss mm hh

C:/> Date -

Current date is Tue 1 - 1 - 1981  
Enter New date mm - dd - yy  
yy dd mm

( Version ) -

C:/> Ver

Ms - Dos Version 0.1

C:/> ( Volum ) -  
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Volume in drive A ( B - C ) is islam  
-

C:/> Type file name. ext

Clear ) ( ) -

C:/> C L S ( Screen

( C ) -

( D )

C:/> D

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C:/> Copy file name \ file name ˇ

File name \ Copy

File

name ˇ

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( nemo. Doc )

: Letter. Doc D C

C:/> Copy nemo. Doc D: letter. Doc

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C:/> copy D: \*\*

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**:( System analyst )**

**( Design programmer )**

**(Application programmer):** -

**( )**

**:( System programmer )**

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:( **output** ) (

( Educational value added )

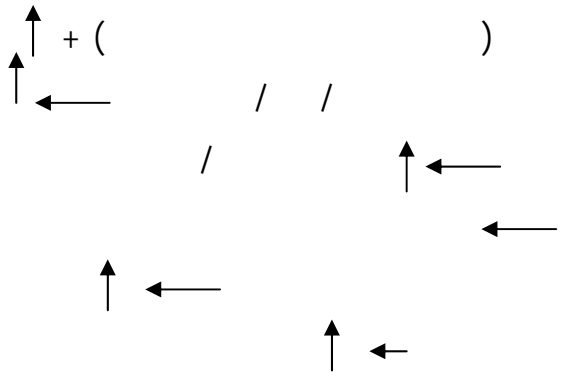
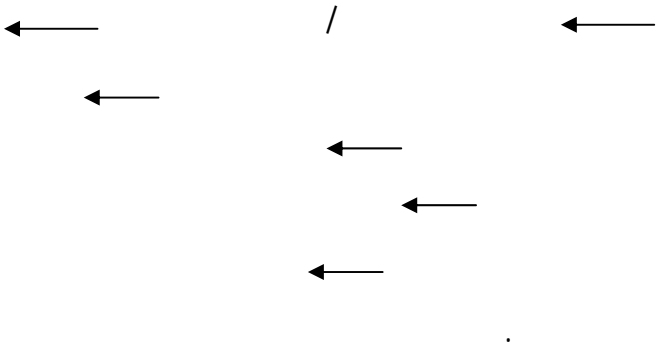
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:( **Benefits** ) (

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:( Internal process ) (

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**:Efficiency External productivity**

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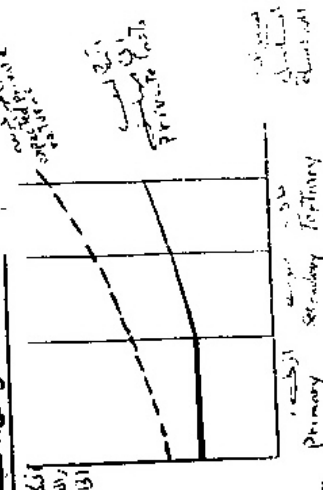
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محل (A)

الحكاية لهندة الصراعد - القاسية

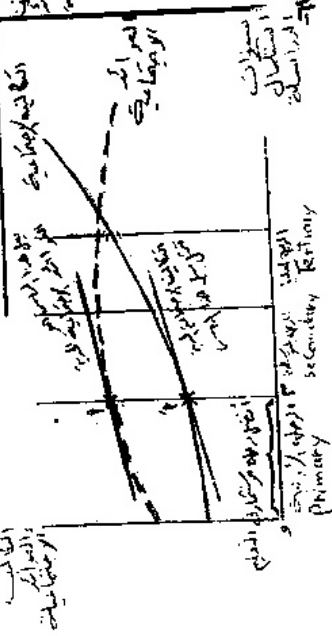
من الاستطارة من القسطنطينية



محل (B)

الحكاية لهندة الصراعد - الإجماعية

من الاستطارة من القسطنطينية



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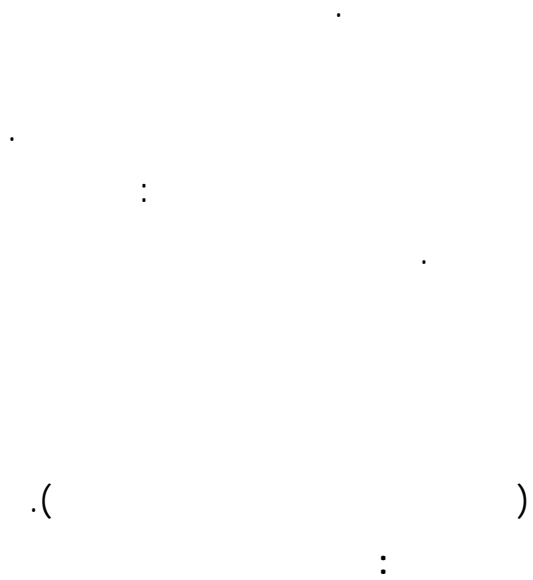
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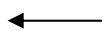
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