

# First Secondary

## Chapter One

### 1-Tick (✓) in front of the right sentence and sign (✗) in front of the wrong one:

- 1-You can get the data required to solve any problem through the stage of identifying inputs. ✓
  - 2-The stage "test and debug the program errors" in the problem- solving stages is to write a program (Coding) using one of the computer languages. ✗
  - 3- You can define the problem after setting a plan for solving a problem. ✓
  - 4-The program documentation is the final stage in the problem- solving stages. ✓
  - 5-Data related to a specific project are collected after creating this project. ✗
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### 2- Choose the correct answer of the following:

(1) The stage..... is considered the first stage of the problem-solving stages.

(A) Identify the problem

(B) the program documentation.

(C) Coding the program

(D) test and debug the program errors

(2) The stage which precedes writing program code is .....

(A) Identify the inputs.

(B) Determine the outputs.

(C) Problem definition.

(D) Develop an (Algorithm).

(3) Transferring (problem solving steps) into an application using one of the programming languages is called .....Stage.

(A) Determine the output

(B) Coding the program using a computer

(C) Documentation of the program or project

(D) Develop an Algorithm

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### 3- Choose the correct answer

1. The following extensions are types of audio files; except:

a-.wav

b-.mp3

c-.png

d-.wma

2. The smaller in size audio file is

a- Filename.wav

b- Filename. mp3

c- Filename. wma

## Chapter Two

### 1-Tick (✓) in front of the right sentence and sign (✗) in front of the wrong one:

- 1- Electronic encyclopedias are considered one of the search engines on the Internet. ✗
- 2- It is better to name folders with names suitable for the content of its files and folders. ✓
- 3- The site [www.google.com](http://www.google.com) is one of the search engines for searching information through the Internet. ✓
- 4- Encyclopedias are considered a special kind of references that provide the most important information and facts related to various human knowledge or part of it. ✓
- 5- A File consists of a group of Files and Folders. ✗

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### 2- Choose the correct answer of the following:

1-a single folder may contain .....

- (A) multiple files. (B) several folders  
(C) empty folders. **(D) all of the above**

2-The following Internet sites are considered one of Search Engines except....

- (A) www.twitter.com.** (B) www.google.com  
(C) www.yahoo.com. (D) www.Altavista.com

3-Electronic encyclopedias are characterized by .....

- (A) Fast and easy search for information.  
(B)The diversity and enormousness of the forms of information  
(C) Lack of information inside them. **(D) Both (A) and (B)**

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### 3- Choose the correct answer

1. The following are extensions of video files except the extension :

a-. mp4                      **b-. png**                      c-.Wmv                      d-.3gp

2. The Highest quality of video file is:

a- Filename.3gp                      **b- Filename.mp4**                      c- Filename.wmv

3. The smaller video file is:

a- Filename.mpg                      **b- Filename.3gp**                      c- Filename.mp4

## Chapter Three

### 1-Tick (✓) in front of the right sentence and sign (✗) in front of the wrong one:

- 1- Spreadsheets program can be used to create a database. ✓
- 2- The column in a database represents one record. ✗
- 3- In Spreadsheets program, a Data Table is made up of a group of rows and columns. ✓
- 4- The Spreadsheets programs can be used to collect and organize data for use. ✓
- 5- The workbook can be saved and considered a database file. ✓

2- 1) Read the following table, and then fill in the blanks:

أهم موانئها	عاصمتها	اسم الدولة
الأسكندرية وبورسعيد	القاهرة	مصر
جدة	الرياض	السعودية
الدار البيضاء	الرباط	المغرب

- a) The shown table is formed of ...4..... rows, and .....3... columns.
  - b) Each row represents ....**Record**..... and each column represents a field.
  - c) The following: ( اسم الدولة ), عاصمتها , أهم موانئها are fields in the table.
- 2) Mention the types of data you can enter in Spreadsheet cells:
- a) **Text**
  - b) **Numeric**
  - c) **Formulas**

### 3- Tick (✓) in front of the right sentence and sign (✗) in front of the wrong one:

- 1- It is an advanced technology that can be to get access to databases. ✓
- 2- It is used to retrieve records from a table or from multiple tables in the database. ✓
- 3- We open channel of communication between the program that is created in Visual basic Dot Net language and Excel file by using ADO.NET tools. ✓

## Chapter Four

### 1-Tick (✓) in front of the right sentence and sign (✗) in front of the wrong one:

- 1- The picture of type .gif is characterized by its greater number of colors and sharpness than the .jpg type. ✗
  - 2- You can use an image editing software to delete part of a sound file. ✗
  - 3- When creating Web sites it is better to use .bmp images . ✗
  - 4- You can add effects on pictures' sections; using Graphic design programs (ready-made applications). ✓
  - 5- The image of type .wmf has small size compared to the .bmp type. ✓
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## Chapter Five

### 1-Tick (✓) in front of the right sentence and sign (✗) in front of the wrong one:

1. You can apply audio effects on specific clips such as amplify or reduce the sound ✓
  2. You can use one of the audio editor software to modify the dimensions of the images. ✗
  3. The size of the audio file type .wav is smaller than the type .mp3. ✗
  4. You can use one of the audio editor software to duplicate a portion of the (clip) inside the audio file. ✓
  5. You can use one of the audio editor software to delete a portion of the (clip) of the audio file. ✗
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## Chapter Seven

### 1-Tick (✓) in front of the right sentence and sign (✗) in front of the wrong one:

- 1- Elements can be placed inside the control (ComboBox) through the property "*Items*". ✓
  - 2- Use the control (ComboBox) to choose only one item from the list. ✓
  - 3- Vbasic .net language allows adding new Controls to the (Toolbox) controls. ✓
  - 4- You can use (Windows Media Player) program to run text files. ✗
  - 5- The user can insert animated pictures using the control (PictureBox) ;thus it appears animated after the execution. ✓
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## 2- Choose the correct answer of the following:

1. The result of a calculation can be displayed in the control *Label*, it is preferably that the value of the property Name is:

a- Label1                      b- Name                      **c- lblResult**                      d- MyName

2. The most suitable control that can be used to display a list of names are:

a- Button                      b- PictureBox                      c- Label                      **d- ComboBox**

3. The following controls are used to display images except:

**a- ComboBox**                      b- Label                      c- PictureBox                      d- Button

4. The control used to play sound and video files are:

a- RadioButton                      **b- WindowsMediaPlaye**                      c-ComboBox                      d- PictureBox

5. The control used to display a list of items through it is:

a- PictureBox                      **b- ComboBox**                      c- Button                      d- Label

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## Chapter Eight

You have a database named table (Marks) the names of a group of students and some degrees obtaining them and a total Score as following form:

Name	Arabic	English	French	Total
Youssef Khaled	50	49	48	147
Mohamed Khaled	43	45	47	135
Samy Ahmed	22	24	30	76
Mohamed Aly	48	35	44	127
Soad Hafez	25	29	30	84
Mona Zaki	19	10	17	46
Nahed Nasr	26	35	42	103
Wael Salah	50	46	41	137
Hamada Farid	37	29	33	99
Walid Abdou	30	35	34	99

### Choosing the right formula for Select sentence followed for the following:

1. All the data table records .....

A- Select \* from Marks.

B- Select All from Marks.

C- Select ? from Marks.

2. Number of data table records .....

A- Select Sum (\*) from Marks.

B- Select Count (\*) from Marks.

C- Select Total from Marks.

3. Only the names of students .....

A- Select Name from Marks.

B- Select \* from Marks.

C-Select Name Marks.

4. Student names and the total scores .....

A- Select Name, Total [Marks].

B- Select Name + Total from Marks.

C-Select Name, Total from [Marks].

5. All records, provided that the total = 99 .....

A- Select \* from [Marks] Where Total = 99. B- Select Total = 99 from [Marks].

C-Select Total Where Marks = 99.