

| **PART** | **MARKS** | **TOTAL** |
| --- | --- | --- |
| **A** |  | **10** |
| **B** |  | **10** |
| **C** |  | **20** |
| **D** |  | **20** |
| **TOTAL** |  | **60** |



**TEST II**

**SEMESTER I– SESSION 2022/2023**

COURSE CODE : DDWD2653

*KOD KURSUS*

COURSE NAME : VB.Net Programming

*NAMA KURSUS Pengaturcaraan VB.Net*

YEAR / PROGRAMME : 3 DDWD

*TAHUN / PROGRAM*

DURATION: 1 HOUR 15 MINUTES

*TEMPOH*

DATE : 1st NOVEMBER 2022

*TARIKH*



INSTRUCTION :

*ARAHAN*

**ANSWER ALL QUESTIONS IN THE QUESTION PAPER.**

***JAWAB SEMUA SOALAN DALAM KERTAS SOALAN.***

**ANSWER QUESTION FROM SECTION A AND B ON PAGE 5**

***JAWAB SOALAN BAHAGIAN A DAN B PADA MUKASURAT 5***

You are required to write your name and your lecturer’s name on your answer script )

*( Pelajar dikehendaki tuliskan nama dan nama pensyarah pada skrip jawapan )*

| NAME / *NAMA PELAJAR*  I.C NO. */ NO. K/PENGENALAN*  YEAR / COURSE  *TAHUN / KURSUS*  STUDENT’S CENTER  *PUSAT (KL/JB)*  LECTURER’S NAME  *NAMA PENSYARAH* | :  :  :  :  : | ………………………………………………………………………………  ………………………………………………………………………………  ………………………………………………………………………………  ………………………………………………………………………………  ……………………………………………………………………………… |
| --- | --- | --- |



This examination paper consists of 9 pages including the cover

*Kertas soalan ini mengandungi* *9 muka surat termasuk kulit hadapan*



1. When creating menus with the MenuStrip component, the Name property is used to hold the words that will appear on the screen in the menu bar.

*Bila mencipta menu dalam komponen MenuStrip, nilai Name digunakan untuk memaparkan perkataan yang akan dipaparkan diskrin pada bar menu.*

1. After adding a common dialog component to a form, you can display a common dialog box at run time using the OpenDialog method.

*Selepas menambah kotak dialog biasa dalam borang, anda boleh memaparkan kotak dialog mesej semasa larian menggunakan kaedah OpenDialog.*

1. When creating a menu, if an item named "Help" is listed, it should be at the far right and the H should have keyboard access.

*Bila mencipta menu, jika item Help disenaraikan, ia sepatutnya berada dihujung kanan dengan H sebagai capaian papan kekunci.*

1. Splash screens are widely used to give the user the indication that the program is loading and starting.

*Skrin Splash banyak digunakan untuk memberikan pengguna indikasi tentang program sedang disediakan dan akan bermula.*

1. The user must respond to the form in some way when it is displayed as modeless.

*Pengguna mesti bertindakbalas dengan borang dengan kaedah yang sama jika ia dipaparkan secara modeless*

1. List boxes and combo boxes can only hold numeric values.

*Kotak Senarai dan Kotak Kombo hanya boleh menyimpan nilai-nilai nombor sahaja.*

1. The SelectedIndex property can be used to select an item in the list or to determine which item is selected.

*Nilai SelectedIndex boleh digunakan untuk memilih item dalam senarai atau menentukan item yang dipilih.*

1. If a list contains 15 items, the Count property will be 15 and the highest SelectedIndex property will be 16.

*Jika senarai mengandungi 15 item, nilai Count adakah 15 dan SelectedIndex tertinggi adalah 16.*

1. StudentNameString (0) is a valid position in an array that is declared with the statement: Dim StudentNameString(15) As String.

*StudentNameString(0) adalah posisi yang sah dalam tatasusunan yang diisytiharkan dengan pernyataan StudentNameString(15) As String.*

1. An array is a list or series of values from the same type

*Tatasusunan adalah senarai atau siri nilai dari jenis yang sama.*



1. Common Dialog such as Font Dialog and Color Dialog \_\_\_\_\_\_\_.

*Kotak Dialog biasa seperti Font Dialog dan Color Dialog \_\_\_\_\_\_\_\_\_\_\_*  
A. allow Visual Basic programs to translate the text on the screen into another language

*Membolehkan aturcara Visual Basic untuk menafsirkan teks diskrin kebahasa lain*  
B. display the predefined Windows dialog boxes for open, save, fonts, and colors

Memaparkan Kotak Dialog Windows untuk membuka, simpan, font dan warna.  
C. can only be used on forms with menus

Hanya boleh digunakan dalam Borang bermenu  
D. allow you to create message boxes that will pop up and prompt the user for text input

Membolehkan anda membina kotak mesej yang akan meminta pengguna memasukkan input teks

1. Which of the following statements is NOT true?

*Manakah pernyataan yang PALSU?*  
A. A sub procedure is a procedure that performs actions.  
 *Prosedur sub adalah prosedur yang melaksanakan kerja*

B. A function procedure is a procedure that performs actions.

Prosedur fungsi adalah prosedur yang melakukan kerja.  
C. A sub procedure returns a value to the point from which it was called.

Prosedur sub memulangkan nilai.  
D. A function procedure returns a value to the point from which it was called.

Prosedure fungsi memulangkan nilai.

1. The \_\_\_\_\_\_\_ is found in the Project Designer and contains the information about the program title, program version, programmer, and company.

*\_\_\_\_\_\_\_\_\_\_\_\_ dijumpai dalam Project Designer mengandungi maklumat berkenaan tajuk program, versi, pengaturcara dan syarikat.*   
A. splash screen  
B. about box  
C. startup form  
D. assembly information

1. Items can be added to a list during **design** time using the \_\_\_\_\_\_\_\_\_ collection.

*Item boleh ditambah kedalam senarai semasa* ***rekabentuk*** *menggunakan koleksi \_\_\_\_\_\_\_\_\_.*   
A. AddLists  
B. Items  
C. ItemsAdd  
D. AddItems

1. In the following statement, \_\_\_\_\_\_\_, refers to the array,

*Dalam pernyataan berikut, \_\_\_\_\_\_\_\_ merujuk kepada tatasusunan.*

**For Each OneSchoolString In SchoolString**A. For Each  
B. OneSchoolString  
C. In  
D. SchoolString



1. What are the differences between a sub procedure and a function in VB.Net?

*Apakah perbezaan antara sub prosedur dan fungsi dalam VB.Net?*

[2M]

2. Write a VB statements to:-

*Tuliskan pernyataan VB untuk:-*

a) clear the items in List Box named **outputListBox** [2M]

*padam semua item dalam List Box bernama* ***outputListBox***

* 1. Display the last item in **outputListBox** using MessageBox

*Papar item terkakhir dalam* ***outputListBox*** *menggunakan MessageBox*

[2M]

* 1. Display the number of items in **outputListBox** using MessageBox.

*Papar bilangan item dalam* ***outputListBox*** *menggunakan MessageBox*

[2M]

* 1. Hide the **outputListBox**

*Sorokkan* ***outputListBox***

[2M]

1. What are the differences between **MenuStrip** component and **ContextMenuStrip**

component.

*Apakah perbezaan antara komponen* **MenuStrip** dan **ContextMenuStrip**.

[2M]

1. Tuliskan pernyataan VB untuk:-
2. show **summaryForm**

*papar* **summaryForm**

[2M]

b. hide the **summaryForm**

*sorok* ***summaryForm*** [2M]

1. a. Determine the output displayed in outputListBox if the following statements are executed. *Tentukan output bagi pernyataan berikut:-*



[2M]

b. Determine the output displayed in outputListBox if the following statements are executed. *Tentukan output bagi pernyataan berikut:-*



[2M]

## **ANSWER BOX FOR PART A & PART A/ *[KOTAK JAWAPAN UNTUK BAHAGIAN A]***

| **NO** | **TRUE** | **FALSE** | **NO** | **TRUE** | **FALSE** |
| --- | --- | --- | --- | --- | --- |
| 1. |  |  | 6. |  |  |
| 2. |  |  | 7. |  |  |
| 3. |  |  | 8. |  |  |
| 4. |  |  | 9. |  |  |
| 5. |  |  | 10. |  |  |

## **ANSWER BOX FOR PART B & PART B/ *[KOTAK JAWAPAN UNTUK BAHAGIAN B]***

## **PART A/BAHAGIAN A**

| **NO** | **a** | **b** | **c** | **d** |
| --- | --- | --- | --- | --- |
| 1. |  |  |  |  |
| 2. |  |  |  |  |
| 3. |  |  |  |  |
| 4. |  |  |  |  |
| 5. |  |  |  |  |



1. Complete the following program to check the commission of a salesman based on the following table. **[8M]**

| **sales** | **Commissiom rate** |
| --- | --- |
| <= 2000 | 5% |
| 2000 and above | 10% |

When the **calculateButton** is clicked, your program will call two function and one sub procedure as shown in the following diagram.









D2. Complete the following CalculateButton\_Click procedure to fulfill these

instructions:-

*Lengkapkan prosedur* CalculateButton\_Click *berikut supaya memenuhi arahan berikut:-* **[12M]**

* Declare an array **temperatureArray** with these values

12.5, 14.5, 23.6, 45.7 , 38.9

* Using a for loop, calculate the total of temperature value in the **temperatureArray.** Check also the highest temperature value.
* Calculate the average of marks in **temperatureArray**
* Display the total temperature, average temperature and highest temperature using MessageBox

* *Isytihar tatasusunan* ***temperatureArray*** *dengan nilai berikut*

12.5, 14.5, 23.6, 45.7 , 38.9

* *Menggunakan gelung for, kira jumlah suhu dalam* ***temperatureArray.*** *Semak juga nilai suhu tertinggi.*
* *Kira purata suhu dari* ***temperatureArray***
* *Papar jumlah suhu, purata suhu dan suhu tertinggi menggunakan MessageBox*



