



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESI 2014/2015**

COURSE NAME : DOT NET PROGRAMMING
COURSE CODE : BIE 33103
PROGRAMME : 3 BIP
EXAMINATION DATE : JUNE 2015 / JULY 2015
DURATION : 2 HOURS 30 MINUTES
INSTRUCTION : ANSWER ALL QUESTIONS

THIS QUESTION PAPER CONSISTS OF FIVE (5) PAGES

- Q1 (a) Describe **THREE (3)** advantages of using .NET platform. (6 marks)
- (b) Write the name for each labelled element in Figure Q1(b).

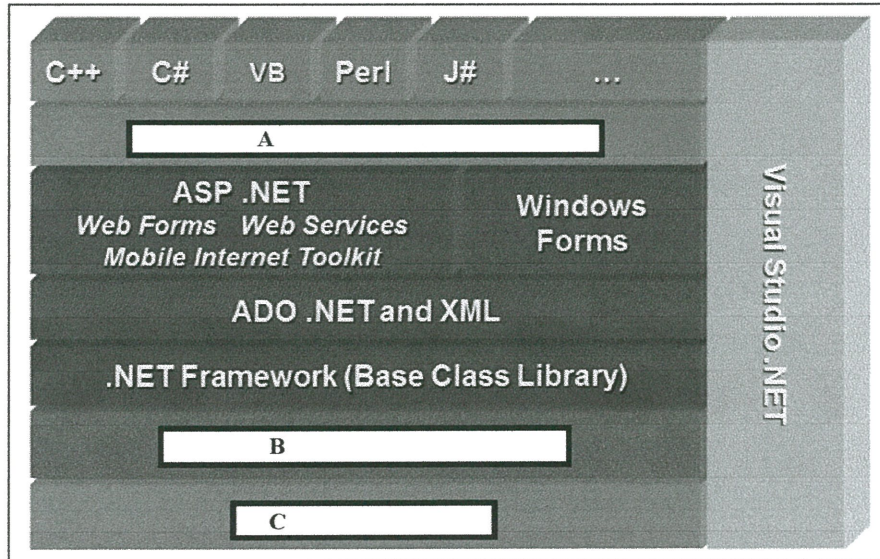


FIGURE Q1(b)

- (i) A: _____ (2 marks)
- (ii) B: _____ (2 marks)
- (iii) C: _____ (2 marks)

Q2 Please answer the following questions:

- (a) What control is used to validate that two fields are equal? (2 marks)
- (b) How do you write `Welcome to FSKTM` in ASP? (2 marks)

Q3 Please answer the following questions:

- (a) Write .Net programming code using `ElseIf` and `Select Case` to print the output as shown in Figure **Q3(a)** with **THREE (3)** `ElseIf` and **THREE (3)** `Select Case`.

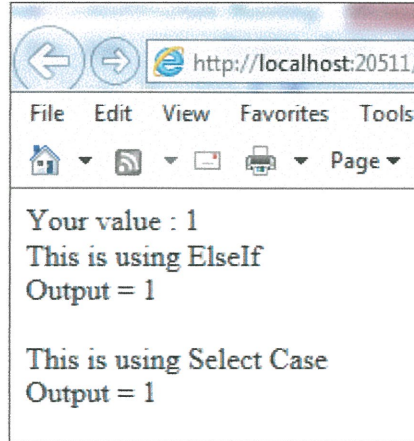


FIGURE Q3(a)

(12 marks)

- (b) Write .Net programming code using `Select Case` to print the output as shown in Figure **Q3(b)** with **THREE (3)** `Select Case`.

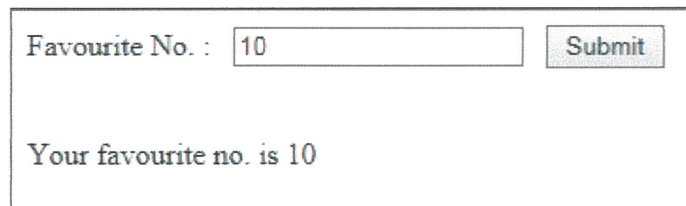


FIGURE Q3(b)

(5 marks)

- (c) Write .Net programming code using `For Each` to print the output as shown in Figure **Q3(c)**.



FIGURE Q3(c)

(10 marks)

- (d) Write .Net programming code using `Do Loop Until` to print the output as shown in Figure Q3(d).

```
Interest : 6.25%
Interest : 6.5%
Interest : 6.75%
Interest : 7%
Interest : 7.25%
Interest : 7.5%
Interest : 7.75%
Interest : 8%
Interest : 8.25%
Interest : 8.5%
Interest : 8.75%
Interest : 9%
Interest : 9.25%
Interest : 9.5%
Interest : 9.75%
```

FIGURE Q3(d)

(5 marks)

- (e) Write .Net programming code to print the output as shown in Figure Q3(e).

```
Registration      Courses      Main Menu
```

FIGURE Q3(e)

(15 marks)

- (f) Please write .Net programming code to print the output as shown in Figure Q3(f).

```
Search:  
```

FIGURE Q3(f)

(15 marks)

Q4 Given the following case study:

A dentist's office administrator wishes to create an app that employees can use to bill patients. The Dental Payment app must allow the user to enter the patient's name and specify which services were performed during the visit. The app will then calculate the total charges. If a user attempts to calculate a bill before any services are specified, or before the patient's name is entered, and error message will be displayed informing the user that necessary input is missing.

Write .Net programming code segment to produce the graphical user interface (GUI) shown in Figure Q4(a) using the following information:

- (a) Check box: cleanCheckBox, cavityCheckBox, and xrayCheckBox

- (b) Label: cleanCostLabel, fillingCostLabel, xrayCostLabel

(12 marks)

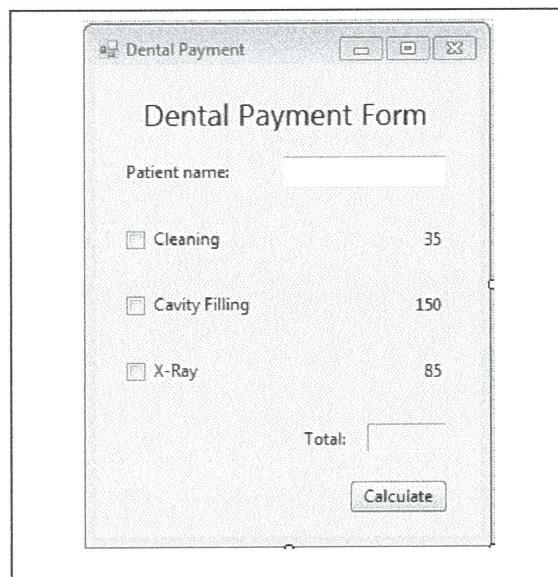


FIGURE Q4(a)

- END OF QUESTION -

