



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
(ONLINE)
SEMESTER I
SESSION 2020/2021**

- COURSE NAME : COMPUTER PROGRAMMING
COURSE CODE : BIT 10303
PROGRAMME CODE : BIT
EXAMINATION DATE : JANUARY/ FEBUARY 2021
DURATION : 3 HOURS
INSTRUCTION :
1. ANSWER ALL QUESTIONS
2. THE STUDENTS SHOULD
UPLOAD THE ANSWER
BOOKLET (PDF/ WORD
FORMAT) WITHIN 30
MINUTES AFTER
EXAMINATION PERIOD

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THIS QUESTION PAPER CONSISTS OF **THREE (3)** PAGES

Q1 Answer **Q1(a)** and **Q1(b)** based on the program given in **FIGURE Q1**.

```

1  #include <stdio.h>
2  #include <conio.h>
3  /  This program for converting Malaysia Ringgit to coins
4  int main()
5  {
6  float moneyInHand;
7
8  printf("Please key in your money in Malaysia Ringgit");
9  scanf("%d", &moneyInHand);
10
11 if (moneyInHand > 10.00)
12     printf("It enough for lunch ");
13 if (moneyInHand < 10.00 || moneyInHand > 1.00)
14     printf( "It not enough for lunch");
15
16
17 getch();getch();
18 return 0;
19 }
    
```

FIGURE Q1

(a) Write you answer in table to state the line number, error types and how to correct the error.

(16 marks)

(b) State the errors that will be displayed in the compiler.

(4 marks)

Q2 Answer **Q2(a)** - **Q2(c)** based on the **Table 1** for the best method to take your temperature.

Table 1: Method to Measure Temperature

Age	Best Method
0 to 3 months	Rectal
3 months to 3 years	Rectal, ear or armpit
4 to 5 years	Oral, rectal or armpit
5 years to adult	Oral, ear or armpit

(a) Draw a flowchart for taking temperature.

(10 marks)

(b) Write a program code for answer in **Q2(a)**.

(20 marks)

- (c) Develop a function to display the method to measure temperature in an output file. (10 marks)

Q3 Write a C Program to compute the total of odd number from an array in **FIGURE Q3**.

5	4	11	64	77	91	202	617	901
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FIGURE Q3

(20 marks)

Q4 Write the output of the program in **FIGURE Q4**.

```

#include <stdio.h>
int main ()
{
    struct mySon {
        char name[10];
        float dayDollar; };

    struct mySon *p;
    struct mySon
bulan[3]={{ "Umar", 25.7}, {"Ali", 36.1}, {"Muaz", 10}};
    p=bulan;
    p=p+1;

    printf("\n %s, %.2f", p->name, p->dayDollar);
    p++;
    printf("\n %s, %.3f", p->name, p-> dayDollar);
}

```

FIGURE Q4

(10 marks)

- END OF QUESTIONS-

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