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TEAM HADI(VU LAHORE)

MID TERM PAST PAPER

We Deal All Kind of VU Project
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WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!



Question No : 1 of 26

Marks: 1 (Budgeted Time 1 Min)

How many dimensions does n-dimensional array has?

Answer (Please select your correct option)

☐ n dimensions

correct

☐ 2n dimensions

☐ (n+1) dimensions

☐ (n-1) dimensions

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Question No : 2 of 26

Marks: 1 (Budgeted Time 1 Min)

Which of the following function call is "call by reference" for the following function prototype?

void func (int *);

Answer (Please select your correct option)

☐ func(int &num) ;

☐ func(&num) ;

correct

☐ func(*num) ;

☐ func(num) ;

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Question No : 3 of 26

Marks: 1 (Budgeted Time 1 Min)

The operators ++ and -- are used to increment or decrement the value of a variable by _____

Answer (Please select your correct option)

3

☐

2

☐

1

☐

4

☐

correct

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Question No : 4 of 26

Marks: 1 (Budgeted Time 1 Min)

The loop which is most suitable to be used when the number of iterations is known is called _____.

Answer (Please select your correct option)

- ☐ for
- ☐ while
- ☐ do-while
- ☐ all looping processes require that the iterations be known

correct

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Question No : 5 of 26

Marks: 1 (Budgeted Time 1 Min)

In C/C++, the string constant is enclosed in _____.

Answer (Please select your correct option)

☐ curly braces {}

☐ parentheses()

☐ single quotes ''

☒ double quotes ""

correct

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Question No : 6 of 26

Marks: 1 (Budgeted Time 1 Min)

In order to get the right most digit of a number, we divide this number by 10 and take _____

Answer (Please select your correct option)

☐ Its remainder

correct

☐ Its quotient

☐ Its divisor

☐ The number

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Question No : 7 of 26

Marks: 1 (Budgeted Time 1 Min)

What is the correct syntax to declare an array of size 10 of int data type?

Answer (Please select your correct option)

☐ int [10] name ;

☐ name[10] int ;

☐ int name[10] ;

☐ int name[] ;

correct

Correct Answer Solved By Hadi

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Question No : 8 of 26

Marks: 1 (Budgeted Time 1 Min)

How many bytes of memory are occupied by array 'str'?

```
char str[] = "programming";
```

Answer (Please select your correct option)

10

☐

11

☒

correct

12

☐

13

☐

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Question No : 9 of 26

Marks: 1 (Budgeted Time 1 Min)

When the if statement consists more than one statement then enclosing these statement in curly braces is,

Answer (Please select your correct option)

☐ Not required

☐ Good programming

☐ Relevant

☐ Must

correct

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Question No : 10 of 26

Marks: 1 (Budgeted Time 1 Min)

Suppose that an integer type pointer contains a memory address 0x22f230. What will be the new memory address if we increment this pointer by one?

Answer (Please select your correct option)

☐ 0x22f231

☐ 0x22f234

correct

☐ 0x22f226

☐ 0x22f238

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Question No : 11 of 26

Marks: 1 (Budgeted Time 1 Min)

Which of the following if missing would result in infinite recursion in case of recursive function?

Answer (Please select your correct option)

☐ Recursive call

correct

☐ Base case

☐ Function parameters

☐ Local variables

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Question No : 12 of 26

Marks: 1 (Budgeted Time 1 Min)

Whenever we use a library function or a predefined object or macro, we need to use a _____.

Answer (Please select your correct option)

☐ source file

☐ object file

☐ header file

☐ exe file

correct

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Question No : 13 of 26

Marks: 1 (Budgeted Time 1 Min)

Switch statement deals with _____ type of data.

Answer (Please select your correct option)

☐ Integer

☐ Float

☐ Character

☒ Both Integer and Character

correct

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Question No : 14 of 26

Marks: 1 (Budgeted Time 1 Min)

Both compiler and _____ are used to translate program into machine language code.

Answer (Please select your correct option)

☐ debugger

☐ linker

☐ loader

☐ interpreter

correct

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Question No : 15 of 26

Marks: 1 (Budgeted Time 1 Min)

TWAIN stands for _____

Answer (Please select your correct option)

☐ Technology With An Interesting Name

☐ Technology Without An Informative Name

☐ Technology Without An Interesting Name

☐ Technology With An Informative Name

correct

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Question No : 16 of 26

Marks: 1 (Budgeted Time 1 Min)

The parameter passed to isdigit() function is _____

Answer (Please select your correct option)

☐ a character variable

correct

☐ a boolean variable

☐ an integer variable

☐ a character string

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Question No : 17 of 26

Marks: 1 (Budgeted Time 1 Min)

C++ views each file as a sequential stream of _____.

Answer (Please select your correct option)

Bits

☐

Bytes

☒

correct

Numbers

☐

Words

☐

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Question No : 18 of 26

Marks: 1 (Budgeted Time 1 Min)

Structure is a collection of _____ under a single name.

Answer (Please select your correct option)

☐ only functions

☐ only variables

correct

☐ both functions and variables

☐ only data types

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Question No : 19 of 26

Marks: 1 (Budgeted Time 1 Min)

The default mode for writing into a file using ofstream object is _____.

Answer (Please select your correct option)

☐ out

correct

☐ bin

☐ app

☐ ate

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Question No : 20 of 26

Marks: 1 (Budgeted Time 1 Min)

The microsoft word document(.doc) is a kind of _____

Answer (Please select your correct option)

☐ Sequential File

☒ Random Access File

☐ Binary Access File

☐ Executable File

correct

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Question No : 21 of 26

Marks: 2 (Budgeted Time 4 Min)

If p and q are two pointers then what is the problem with the following statement?

```
cout << "p = " << p << ", p + q = " << p + q << endl;
```

Answer ([Please click here to Add Answer](#))



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Question No : 22 of 26

Marks: 2 (Budgeted Time 4 Min)

If a structure is passed to a function, What will be the default calling convention (by value or by reference)?

Answer ([Please click here to Add Answer](#))



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Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

Explain the logic of the given program code and also determine its output.

```
#include <iostream.h>
#include <string.h>
```

```
main()
```

Answer ([Please click here to Add Answer](#))

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Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

```
char name[10]= "Khaqan";  
char msg[20] = "Welcome!";  
cout<<strncat(msg, name, 3);
```

Answer ([Please click here to Add Answer](#))



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Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

```
char msg[20] = "Welcome!";  
cout<<strncat(msg, name, 3);  
return 0;  
}
```

Answer ([Please click here to Add Answer](#))



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Question No : 24 of 26

Marks: 3 (Budgeted Time 6 Min)

Write the code to for the following task.

Declare an integer array longroutes and a pointer routePtr and then assign the address of array longroutes to the pointer variable routePtr.

Answer ([Please click here to Add Answer](#))

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Question No : 25 of 26

Marks: 5 (Budgeted Time 10 Min)

Write a program which declares and initializes an integer array of 10 elements and then using a pointer, displays the array elements in reverse order.

Answer ([Please click here to Add Answer](#))



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Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

Find out errors in the program if any and after correction, write the output.

```
int main()
{
ofstream outfile;
long position;
```

Answer ([Please click here to Add Answer](#))



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Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

```
long position;  
char outfilename[] = "abc.txt";  
outfile.open(outfilename);  
if(!outfile)  
{  
    cout<<"Error Occured while opening a file";  
}
```

Answer ([Please click here to Add Answer](#))



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Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

```
exit(1);  
}  
outfile.write("This is a car", 12);  
position = outfile.tellp();  
outfile.seekp(position-5);  
outfile.write("jar", 3);
```

Answer ([Please click here to Add Answer](#))



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Question No : 26 of 26

Marks: 5 (Budgeted Time 10 Min)

```
position = outfile.tell();
outfile.seekp(position-5);
outfile.write("jar", 3);
outfile.close();
return 0;
}
```

Answer ([Please click here to Add Answer](#))



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