

# VIRTUAL UNIVERSITY OF PAKISTAN

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CORRECT ANSWER SOLVED BY HADI  
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**TEAM HADI(VU LAHORE)**

## MID TERM PAST PAPER

We Deal All Kind of VU Project  
(PHP, .NET, ANDROID, PYTHON)

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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 Answer Solved By Hadi

correct

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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

intreperter

correct

Correc  
usma  
032

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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
- a boolean variable
- an integer variable
- a character string

correct

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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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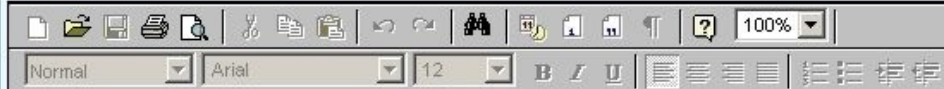


Question No : 22 of 26

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()
```

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

Normal Arial 12 B I U

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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](#) )

Normal Arial 12 B I U

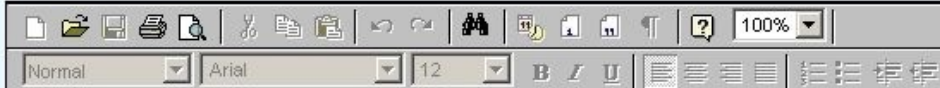
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Question No : 26 of 26

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)

```
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](#) )

Normal Arial 12 B I U

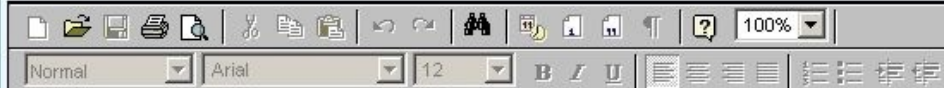
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Question No : 26 of 26

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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- 4) GRAND QUIZZES

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