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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)

The memory address of the first element of an array is called

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Answer (Please select your correct option)

☐ floor address

☐ foundation address

☐ first address

☐ base address

correct

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Question No : 2 of 26

Marks: 1 (Budgeted Time 1 Min)

We want to access array in random order which of the following approach is better?

Answer (Please select your correct option)

☐ Pointers

correct

☐ Array index

☐ Both pointers and array index are better

☐ Matrix

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Question No : 3 of 26

Marks: 1 (Budgeted Time 1 Min)

The _____ structure is a multiple-selection construct which makes the code more efficient and easy to read and understand.

Answer (Please select your correct option)

☐ multiple-if

☐ switch

☐ if-else

☐ else-if

correct

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Question No : 4 of 26

Marks: 1 (Budgeted Time 1 Min)

Which of the following is not a reserved word in C/C++?

Answer (Please select your correct option)

☐ int

☐ float

☐ double

☐ sum

correct

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Question No : 5 of 26

Marks: 1 (Budgeted Time 1 Min)

To access rand(), which library is required to be included in program ?

Answer (Please select your correct option)

☐ conio.h

☐ stdio.h

☐ stdlib.h

☐ iostream.h

correct

Correct Answer
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Question No : 6 of 26

Marks: 1 (Budgeted Time 1 Min)

What is the highest legal index for the following array?
`int arr[4]`

Answer (Please select your correct option)

4

☐

3

☐

correct

2

☐

1

☐

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Question No : 7 of 26

Marks: 1 (Budgeted Time 1 Min)

When an array element is passed to a function, it is passed by _____.

Answer (Please select your correct option)

☐ reference

correct

☐ data type

☐ value

☐ data

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Question No : 8 of 26

Marks: 1 (Budgeted Time 1 Min)

While programming, it is good to provide an easy to understand and easy to use interface; this programming skill is called _____.

Answer (Please select your correct option)

☐ scalability

☐ usability

☐ reliability

☐ sustainability

correct

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Question No : 9 of 26

Marks: 1 (Budgeted Time 1 Min)

Word processor is a type of a/an _____.

Answer (Please select your correct option)

☐ operating system

☐ application software

☐ device driver

☐ utility software

correct

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Question No : 10 of 26

Marks: 1 (Budgeted Time 1 Min)

'while' loop may execute _____ or more times.

Answer (Please select your correct option)

☐ three

☐ zero

☐ two

☐ one

correct

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Question No : 11 of 26

Marks: 1 (Budgeted Time 1 Min)

The keyword _____ is used to get some value back from a function.

Answer (Please select your correct option)

☐ return

correct

☐ break

☐ continue

☐ goto

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Question No : 12 of 26

Marks: 1 (Budgeted Time 1 Min)

Identify the correct option which is used for calling the function float area (int).

Answer (Please select your correct option)

☐ area(&num) ;

☐ area(num) ;

☐ area(int num) ;

☐ area(*num) ;

correct

Correct Answer Solved By Hadi

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Question No : 13 of 26

Marks: 1 (Budgeted Time 1 Min)

The _____ statement allows us to select from multiple choices based on a set of fixed values for a given expression.

Answer (Please select your correct option)

☐ switch

correct

☐ break

☐ continue

☐ goto

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Question No : 14 of 26

Marks: 1 (Budgeted Time 1 Min)

C is widely known as development language of _____ operating system.

Answer (Please select your correct option)

☐ Windows

☐ Unix

correct

☐ Mac OS

☐ Linux

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Question No : 15 of 26

Marks: 1 (Budgeted Time 1 Min)

To convert the value of one type into another type using built-in functions, we include _____ header file.

Answer (Please select your correct option)

☐ conio.h

☐ stdlib.h

☐ iostream.h

☐ string.h

correct

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Question No : 16 of 26

Marks: 1 (Budgeted Time 1 Min)

Syntax of a union is identical to _____.

Answer (Please select your correct option)

☐ structure

correct

☐ class

☐ function

☐ loop

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Question No : 17 of 26

Marks: 1 (Budgeted Time 1 Min)

The function seekg() takes _____ parameter(s).

Answer (Please select your correct option)

0

☐

1

☐

2

☒

correct

3

☐

Correct Answer Solved By Hadi

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Question No : 18 of 26

Marks: 1 (Budgeted Time 1 Min)

The function write() takes _____ as parameter(s).

Answer (Please select your correct option)

☐ String of pointer type

☐ String of variable lengths, no. of bytes to be read and flags

☐ Pointer array of characters and a delimiter

☒ String and no. of bytes to be written

correct

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Question No : 19 of 26

Marks: 1 (Budgeted Time 1 Min)

When the logical operator AND (&&) combines two expressions exp1 and exp2 then the result will be true only _____

Answer (Please select your correct option)

☐ When both exp1 and exp2 are true

correct

☐ When both exp1 and exp2 are false

☐ When exp1 is true and exp2 is false

☐ When exp1 is false and exp2 is true

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Question No : 20 of 26

Marks: 1 (Budgeted Time 1 Min)

Null character is used to indicate the _____ of string

Answer (Please select your correct option)

☐ Start

☐ End

correct

☐ Begin

☐ Middle

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



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Question No : 22 of 26

Marks: 2 (Budgeted Time 4 Min)

Identify any logical or syntax error in the statement below and explain the reason of the error.

```
seekg (-10L, ios::beg);
```

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

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Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

Using the given array declaration:

```
int arr[] = {1, 2, 3, 4, 5, 6, 7, 8, 9};  
int* arr_ptr = arr;
```

Find out the value of each of the expressions below.

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



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Question No : 23 of 26

Marks: 3 (Budgeted Time 6 Min)

```
int arr_ptr = arr,
```

Find out the value of each of the expressions below.

1. `*(arr_ptr + 4)`
2. `(*arr_ptr)++`
3. `*(arr_ptr++)`

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



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Question No : 24 of 26

Marks: 3 (Budgeted Time 6 Min)

If you are provided two methods for accessing a file, random and sequential. Which method will you prefer and why?

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



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Question No : 25 of 26

Marks: 5 (Budgeted Time 10 Min)

Following are two programming statements; you have to write down the functionality of each statement?

- 1) `int *const intPtr = &x;`
- 2) `const int *intPtr = &x;`

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.tell();  
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](#))



Best of luck .. Team HADI Lahore

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