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MID TERM PAST PAPER

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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!

PAST PAPER

TEAM HADI VU

CS201 - Introduction to Programming (Quiz No 1) Quiz Start Time: 05:48 PM, 25 May 2023

Question # 2 of 10 (Start time: 05:48:47 PM, 25 May 2023) Total Marks: 1

A while loop may execute _____or more times.

Select the correct option

- 3
- 1
- 2
- 0

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CS201 - Introduction to Programming (Quiz No 1) **Quiz Start Time: 04:27 PM, 24 May 2023**

Question # 2 of 10 (Start time: 04:28:28 PM, 24 May 2023) **Total Marks:** 1

We can define a matrix as_____ array.

Select the correct option

- Unsorted
- Sorted
- Single dimensional
- Multi dimensional

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CS201 - Introduction to Programming (Quiz No 1) **Quiz Start Time: 04:27 PM, 24 May 2023**

Question # 7 of 10 (Start time: 04:31:25 PM, 24 May 2023) **Total Marks:** 1

" = " operator is used for _____.

Select the correct option

- (●) Assigning value
- ( ) Check equality
- ( ) Calculating value
- ( ) Reading value

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CS201 - Introduction to Programming (Quiz No 1)

Quiz Start Time: 05:48 PM, 25 May 2023

Question # 9 of 10 (Start time: 05:51:28 PM, 25 May 2023)

Total Marks: 1

Individual characters in a string stored in an array can be accessed directly using array _____.

Select the correct option

- value
- superscript
- script
- subscript

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CS201 - Introduction to Programming (Quiz no 2) Quiz Start Time: 03:50 PM, 07 June 2023

Question # 2 of 10 (Start time: 03:50:57 PM, 07 June 2023) **Total Marks:** 1

Dereferencing operator is represented by _____.

Select the correct option

- –
- &
- +
- * (selected)

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 10:50 AM, 06 June 2023**

Question # 3 of 10 (Start time: 10:51:05 AM, 06 June 2023) **Total Marks:** 1

When an identifier is declared with keyword const then,

Select the correct option

- (●) Its value cannot be changed
- ( ) Its value can be overwritten
- ( ) Its value can be changed with arithmetic operator
- ( ) Its value can be changed during execution.

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CS302 - Digital Logic Design (Semester Quiz # 02 – (Graded))

Quiz Start Time: 03:54 PM, 07 June 2023

Question # 5 of 10 (Start time: 03:56:17 PM, 07 June 2023)

Total Marks: 1

The boolean expression X = AB + CD represents

Select the correct option

- ○ an exclusive-Or
- ○ two ORs ANDed together
- ◉ two ANDs ORed together
- ○ a 4-input AND gate

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 03:50 PM, 07 June 2023**

Question # 1 of 10 (Start time: 03:50:25 PM, 07 June 2023) **Total Marks:** 1

We must include the header file _____to convert the value of one type into another type using built-in functions.

Select the correct option

- stdlib.h
- iostream.h
- string.h
- conio.h

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 11:45 AM, 07 June 2023**

Question # 1 of 10 (Start time: 11:45:54 AM, 07 June 2023) **Total Marks:** 1

Strings are accessed by variable of type _____.

Select the correct option

Reload Math Equations

- (●) char
- ( ) float
- ( ) int
- ( ) double

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CS201 - Introduction to Programming (Quiz No 1) **Quiz Start Time: 05:48 PM, 25 May 2023**

Question # 1 of 10 (Start time: 05:48:20 PM, 25 May 2023) **Total Marks:** 1

Why we use "cout"?

Select the correct option

- ○ To read data from keyboard
- ○ To send data to printer
- ◉ To display output on the console screen
- ○ None of the given options

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CS201 - Introduction to Programming (Quiz No 1) **Quiz Start Time: 04:27 PM, 24 May 2023**

Question # 6 of 10 (Start time: 04:30:41 PM, 24 May 2023) **Total Marks:** 1

How can we declare an array of characters whose size is 12 with array name "country"?

Select the correct option

- char country[11];
- char country[0-11];
- char [12] country;
- char country[12];

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CS201 - Introduction to Programming (Quiz No 1) **Quiz Start Time: 05:48 PM, 25 May 2023**

Question # 10 of 10 (Start time: 05:52:02 PM, 25 May 2023) **Total Marks:** 1

If a function has not been declared before its definition, it is a ----------.

Select the correct option

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- (●) logical error
- ( ) Late binding error
- ( ) run time error
- ( ) syntax error

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CS201 - Introduction to Programming (Quiz No 1) **Quiz Start Time: 02:22 PM, 24 May 2023**

Question # 4 of 10 (Start time: 02:24:44 PM, 24 May 2023) **Total Marks: 1**

_____ stops execution at the line that contains error(s) in the code.

Select the correct option

- Compiler
- Linker
- Interpreter
- Debugger

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sec(s)

CS201 - Introduction to Programming (Quiz No 1) **Quiz Start Time: 05:48 PM, 25 May 2023**

Question # 7 of 10 (Start time: 05:51:03 PM, 25 May 2023) **Total Marks:** 1

If
int sum = 54;
Then the value of the following statement is
sum = sum - 3 ;

Select the correct option

- ○ 52
- ○ 50
- ○ 57
- ◉ 51

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CS201 - Introduction to Programming (Quiz No 1)

Quiz Start Time: 04:27 PM, 24 May 2023

Question # 4 of 10 (Start time: 04:29:49 PM, 24 May 2023)

Total Marks: 1

Null character is represented by _____ in C++.

Select the correct option

- \t
- \0
- \n
- /0

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 03:50 PM, 07 June 2023**

Question # 9 of 10 (Start time: 03:53:06 PM, 07 June 2023) **Total Marks:** 1

The parameter passed to isdigit() function is _____variable.

Select the correct option

- ○ Boolean
- ◉ Character
- ○ Double
- ○ Float

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 10:50 AM, 06 June 2023**

Question # 7 of 10 (Start time: 10:53:06 AM, 06 June 2023) **Total Marks:** 1

The name of the array is a constant pointer which contains the memory address of the _____of the array.

Select the correct option

- second element
- None of the given
- Last element
- first element

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 01:06 PM, 06 June 2023**

Question # 7 of 10 (Start time: 01:09:24 PM, 06 June 2023) **Total Marks:** 1

At the_____, we try to break up the problem into functional units.

Select the correct option

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- ○ Implementation phase
- ○ analysis phase
- ○ testing phase
- ◉ design phase

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CS201 - Introduction to Programming (Quiz No 1) **Quiz Start Time: 05:48 PM, 25 May 2023**

Question # 5 of 10 (Start time: 05:50:10 PM, 25 May 2023) **Total Marks:** 1

If a _____ finds an error, it stops translating without generating any executable code.

CHECK IT

Select the correct option

- ○ Loader
- ○ Interpreter
- ○ Linker
- ◉ Compiler

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CS201 - Introduction to Programming (Quiz No 1) **Quiz Start Time: 02:22 PM, 24 May 2023**

Question # 3 of 10 (Start time: 02:23:51 PM, 24 May 2023) **Total Marks:** 1

When No. of repetition is known then we use the _____ structure to perform repetition tasks.

Select the correct option

- ○ Switch
- ◉ For loop
- ○ Do while loop
- ○ While loop

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 11:45 AM, 07 June 2023**

Question # 5 of 10 (Start time: 11:49:01 AM, 07 June 2023) **Total Marks:** 1

The increment of a pointer depends on its_____.

Select the correct option

- ○ None of the given
- ◉ data type
- ○ value
- ○ variable

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 01:06 PM, 06 June 2023**

Question # 2 of 10 (Start time: 01:06:38 PM, 06 June 2023) **Total Marks: 1**

A _____is an array of characters that can store number of character specified.

Select the correct option

- ○ Multidimensional array
- ◉ String
- ○ Char
- ○ Data type

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 11:45 AM, 07 June 2023**

Question # 6 of 10 (Start time: 11:49:32 AM, 07 June 2023) **Total Marks:** 1

suppose we have int y[10];
To access the 4th element of the array we write_____

Select the correct option

- ○ none of given
- ◉ y[3];
- ○ y[4];
- ○ y[2];

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 10:50 AM, 06 June 2023**

Question # 8 of 10 (Start time: 10:53:36 AM, 06 June 2023) **Total Marks:** 1

At the_____, we try to break up the problem into functional units.

Select the correct option

Reload Math Equations

- analysis phase
- testing phase
- Implementation phase
- design phase

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 10:50 AM, 06 June 2023**

Question # 9 of 10 (Start time: 10:54:08 AM, 06 June 2023) **Total Marks:** 1

_____ returns true if c is a letter and false otherwise.

Select the correct option

Reload Math Equations

- int isalpha(int c)
- int isxdigit(int c)
- int isdigit(int c)
- int isalnum(int c)

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 01:06 PM, 06 June 2023**

Question # 3 of 10 (Start time: 01:07:15 PM, 06 June 2023) **Total Marks:** 1

Each array declaration must provide the information about all these things except _____.

Select the correct option

- ○ Type of data stored in the array
- ○ Number of elements of the array
- ◉ The location of the first element to be stored
- ○ Name of the array

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 11:45 AM, 07 June 2023**

Question # 8 of 10 (Start time: 11:51:01 AM, 07 June 2023) **Total Marks:** 1

Ifstream is used for_____

Select the correct option

- (●) Input file stream
- ( ) Output file stream
- ( ) All of the given
- ( ) Input and output file stream

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 10:50 AM, 06 June 2023**

Question # 4 of 10 (Start time: 10:51:37 AM, 06 June 2023) **Total Marks:** 1

Given a two dimensional array of integers, what would be the correct way of assigning the value 6 to the element at third row and fourth column?

Select the correct option

- array[2][4] = 6 ;
- array[2][3] = 6 ;
- array[4][3] = 6 ;
- array[3][4] = 6 ;

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 01:06 PM, 06 June 2023**

Question # 9 of 10 (Start time: 01:10:06 PM, 06 June 2023) **Total Marks:** 1

suppose we have int y[10];
To access the 4th element of the array we write_____

Select the correct option

- (●) y[3];
- ( ) y[2];
- ( ) y[4];
- ( ) none of given

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CS201 - Introduction to Programming (Quiz no 2) **Quiz Start Time: 01:06 PM, 06 June 2023**

Question # 6 of 10 (Start time: 01:08:33 PM, 06 June 2023) **Total Marks:** 1

Which header file must be included to use the functions tolower() and toupper()?

Select the correct option

- iostream.h
- ctype.h
- stdlib.h
- conio.h

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