

Computer Science (New)

10th (Fresh/Reappear)

۱۔ ہر سوال کے سامنے چار دائرے دیئے گئے ہیں، صرف صحیح جواب والا دائرہ بھریں۔

۲۔ دائروں کو شیڈ (بھرنے) کے لیے نیلے یا کالے رنگ کا پلکڑ استعمال کریں۔

۳۔ جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time: 15 Minutes

SECTION-A

Marks: 11

Q1: Choose the correct option i.e, A,B,C or D?

- Sequential steps of instruction to solve a problem is.
☐ Solution ☐ Statement ☒ Algorithm ☐ Calculation
- A program that sends C language program into memory and then execute.
☐ Debugger ☒ Loader ☐ Linker ☐ Editor
- Number of keywords supported by C language is.
☐ 16 ☐ 28 ☒ 32 ☐ 64
- Output function print "f" indicates.
☐ File ☒ Formatted ☐ Fragment ☐ Function
- The correct syntax for command "cout" in C++ is.
☐ Cout<<variable/constant/expression
☐ Cout<<variable/constant/expression
☒ cout<<variable/constant/expression
☐ Cout/variable/constant/expression
- Change in source code, consists of control statements that controls the flow of program.
☐ Execution ☒ Alteration ☐ Stopping ☐ Function
- The number of types of loops are.
☐ 4 ☒ 3 ☐ 2 ☐ 5
- In loops, condition statement is given as.
☐ Assignment operator ☐ Loop structure
☒ Relational expression ☐ Execution code
- In digital computers "0" represents.
☒ Off ☐ Sleep ☐ On ☐ Power
- Business websites provides invoices between.
☐ Expenses ☒ Buyer and seller
☐ Budget ☐ Bullish and bearish
- Tags in HTML are enclosed in.

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Note: Time allowed for Section-B & Section-C is 2:15 Hours.

SECTION-B

Marks: 28

Q2: Answer any SEVEN parts. Each part carries 4 marks?

1. Write the steps of algorithm to find the area of a triangle?
2. Differentiate between assembly language and machine language?
3. Write four characteristics of C language?
4. Write a program in C language using puts () giving output as "Country Is Pakistan"?
5. In C++ what is the purpose of cin function also write its syntax?
6. What is the use of assignment operator in C language? Write its symbol?
7. Write a purpose and syntax of break statement?
8. Draw a table for two inputs A and B for OR gate and C will be output?
9. What are HTML tags? What is the syntax for writing HTML tags?

SECTION-C

Marks: 16

Q3: Attempt any TWO questions in detail. All questions carry equal marks?

1. Differentiate between:
(a) C language and C++ (b) C# and Java
2. Write a program in C language to get a person's name and age (in years). Calculate and print the age in months?
3. Write a program in C language using do-while loop to find that an input number even or odd?