

National Testing Agency

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Art of C Programming

Group Number :	1
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Art of C Programming-1

Section Id :	603489214
Section Number :	1
Section type :	Online
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Number of Questions :	100
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Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	603489428
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 60348911431 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In flow charts, arrow is used to represent

1. Process
2. I/O
3. Label
4. Flow of control

Options :

60348943391. 1

60348943392. 2

60348943393. 3

60348943394. 4

Question Number : 2 Question Id : 60348911432 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which among these hold(s) single precision floating values?

1. int
2. char
3. float
4. double

Options :

60348943395. 1

60348943396. 2

60348943397. 3

60348943398. 4

Question Number : 3 Question Id : 60348911433 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is a searching algorithm?

1. Insertion
2. Binary
3. Greedy method
4. Divide and Conquer

Options :

60348943399. 1

60348943400. 2

60348943401. 3

60348943402. 4

Question Number : 4 Question Id : 60348911434 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which combination of following items represent significance of writing algorithm?

- A) efficiency
- B) accuracy
- C) reusability
- D) abstraction

1. A only
2. B, C and D only
3. A, C and D only
4. A, B, C and D

Options :

60348943403. 1

60348943404. 2

60348943405. 3

60348943406. 4

Question Number : 5 Question Id : 60348911435 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What will be the prototype of the below function?

```
int calculate(int number, char x)
{
    .....
    return (number + 2);
}
```

1. number calculate(char);
2. int number calculate(char);
3. int calculate (int number, char x)
4. int calculate (int,char);

Options :

60348943407. 1

60348943408. 2

60348943409. 3

60348943410. 4

Question Number : 6 Question Id : 60348911436 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Flow charts and algorithms are used for

1. Easy understanding
2. Easy debugging
3. Efficient coding
4. All of these

Options :

60348943411. 1

60348943412. 2

60348943413. 3

60348943414. 4

Question Number : 7 Question Id : 60348911437 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A flow chart that shows the details of the entire system is called

1. Program flow chart
2. Structure chart
3. System flow chart
4. Pseudo code

Options :

60348943415. 1

60348943416. 2

60348943417. 3

60348943418. 4

Question Number : 8 Question Id : 60348911438 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The major role of a pseudo code is to

1. Design
2. Debug
3. Code
4. Test

Options :

60348943419. 1

60348943420. 2

60348943421. 3

60348943422. 4

Question Number : 9 Question Id : 60348911439 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

An algorithm represented in the form of pictures is

1. Pseudo code
2. Program
3. Flow chart
4. None of these

Options :

60348943423. 1

60348943424. 2

60348943425. 3

60348943426. 4

Question Number : 10 Question Id : 60348911440 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following entity which may change its value during program execution

1. operator
2. code
3. variable
4. result

Options :

60348943427. 1

60348943428. 2

60348943429. 3

60348943430. 4

Question Number : 11 Question Id : 60348911441 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A set of values and predefined operations to manipulate these values are called

1. Identifiers
2. Data types
3. Arrays
4. Operators

Options :

60348943431. 1

60348943432. 2

60348943433. 3

60348943434. 4

Question Number : 12 Question Id : 60348911442 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Compound statements of a program are specified with which of the following special character?

1. ()
2. []
3. {}
4. " "

Options :

60348943435. 1

60348943436. 2

60348943437. 3

60348943438. 4

Question Number : 13 Question Id : 60348911443 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Pseudo code can also be referred to as

1. Programming Language
2. Program Design Language
3. Algorithm
4. Program Description Language

Options :

60348943439. 1

60348943440. 2

60348943441. 3

60348943442. 4

Question Number : 14 Question Id : 60348911444 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not an Iteration statement?

1. switch
2. for
3. while
4. do while

Options :

60348943443. 1

60348943444. 2

60348943445. 3

60348943446. 4

Question Number : 15 Question Id : 60348911445 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not an input function in C?

1. getchar
2. scanf
3. puts
4. All of these

Options :

60348943447. 1

60348943448. 2

60348943449. 3

60348943450. 4

Question Number : 16 Question Id : 60348911446 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the default return type of getchar()?

1. char
2. int
3. ascii value
4. void

Options :

60348943451. 1

60348943452. 2

60348943453. 3

60348943454. 4

Question Number : 17 Question Id : 60348911447 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following tools allows the programmer to plan the logic of a program in an ordinary language?

1. Flow Chart
2. Program
3. Pseudo Code
4. None of these

Options :

60348943455. 1

60348943456. 2

60348943457. 3

60348943458. 4

Question Number : 18 Question Id : 60348911448 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which sorting of algorithm follows divide and conquer rule?

1. Bubble sort
2. Quick sort
3. Merge sort
4. Selection sort

Options :

60348943459. 1

60348943460. 2

60348943461. 3

60348943462. 4

Question Number : 19 Question Id : 60348911449 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What will be the output of the following code?

```
#include
int main()
{
    int i=100, j=2;
    printf("%d\n",printf("%d %d ", i, j));
}
```

1. Compile time error
2. 100 2 6
3. 100 2 2
4. 100 2 1

Options :

- 60348943463. 1
- 60348943464. 2
- 60348943465. 3
- 60348943466. 4

Question Number : 20 Question Id : 60348911450 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The input redirection operator is

1. < >
2. <
3. >
4. -->

Options :

- 60348943467. 1
- 60348943468. 2
- 60348943469. 3
- 60348943470. 4

Question Number : 21 Question Id : 60348911451 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The control character used to read a string is

1. %c
2. %d
3. %s
4. %f

Options :

60348943471. 1

60348943472. 2

60348943473. 3

60348943474. 4

Question Number : 22 Question Id : 60348911452 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

To read a line of characters, which of the following function is useful?

1. getchar
2. getch
3. gets
4. All of these

Options :

60348943475. 1

60348943476. 2

60348943477. 3

60348943478. 4

Question Number : 23 Question Id : 60348911453 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following definitions best match an array?

1. A derived data time to hold a collection of values
2. A derived data type to hold different values
3. A single name to represent multiple values
4. A derived data type to hold a collection of similar values

Options :

60348943479. 1

60348943480. 2

60348943481. 3

60348943482. 4

Question Number : 24 Question Id : 60348911454 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The subscript of an array can be

1. Integer constant
2. Integer variable
3. Interger yielding expressions
4. All of these

Options :

60348943483. 1

60348943484. 2

60348943485. 3

60348943486. 4

Question Number : 25 Question Id : 60348911455 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The scope of an automatic variable is

1. Local to the block in which the variable is defined
2. Local to the program in which the variable is defined
3. Global scope
4. None of these

Options :

60348943487. 1

60348943488. 2

60348943489. 3

60348943490. 4

Question Number : 26 Question Id : 60348911456 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A function calling itself is called as

1. Nesting
2. Function call
3. Function definition
4. Recursion

Options :

60348943491. 1

60348943492. 2

60348943493. 3

60348943494. 4

Question Number : 27 Question Id : 60348911457 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What will be the output of the following code?

```
void main()
{
int n[10]={1,2,3,4,5};
printf("%d",n[5]);
}
```

1. 5
2. garbage value
3. 0
4. Will generate error

Options :

60348943495. 1
60348943496. 2
60348943497. 3
60348943498. 4

Question Number : 28 Question Id : 60348911458 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

When a function is recursively called, its automatic variables are stored in a

1. Stack
2. Queue
3. Array
4. File

Options :

60348943499. 1
60348943500. 2
60348943501. 3
60348943502. 4

Question Number : 29 Question Id : 60348911459 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

All C programs must contain

1. Input data
2. At least one function
3. Need not contain any function
4. None of these

Options :

60348943503. 1

60348943504. 2

60348943505. 3

60348943506. 4

Question Number : 30 Question Id : 60348911460 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which keyword is used to come out of recursion?

1. Break
2. Exit
3. Return
4. Continue

Options :

60348943507. 1

60348943508. 2

60348943509. 3

60348943510. 4

Question Number : 31 Question Id : 60348911461 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following invokes main() function for execution?

1. CPU
2. Memory
3. Operating system
4. CU

Options :

60348943511. 1

60348943512. 2

60348943513. 3

60348943514. 4

Question Number : 32 Question Id : 60348911462 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Choose the correct syntax of do-while loop

1. do while(condition)

```
{  
    Statements;  
}
```

2. do(condition)

```
{  
    While( Statements);  
}
```

3. do

```
{  
    Statements;  
}while(condition)
```

4. do

```
{  
    Statements;  
}while(condition);
```

Options :

60348943515. 1

60348943516. 2

60348943517. 3

60348943518. 4

**Question Number : 33 Question Id : 60348911463 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Which statement can be used to skip a part of the loop and continue with next iteration?

1. quit
2. break
3. terminate
4. continue

Options :

60348943519. 1

60348943520. 2

60348943521. 3

60348943522. 4

**Question Number : 34 Question Id : 60348911464 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Which of the following is true regarding the static variables in C?

1. static variables are always initialized with 0
2. scope of a static variable is entire program
3. static variables are initialized only once
4. static variables are stored either in memory or in registers

Options :

60348943523. 1

60348943524. 2

60348943525. 3

60348943526. 4

**Question Number : 35 Question Id : 60348911465 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

How many times the loop will be executed if it is specified as :

```
void main()
{
    int i;
    for(i=1;;i++)
    {
        printf("Hello\n");
    }
}
```

1. Not execute by assuming the condition is false
2. Execute infinite times by assuming condition is true
3. Results in syntax error
4. Terminate the program

Options :

60348943527. 1

60348943528. 2

60348943529. 3

60348943530. 4

Question Number : 36 Question Id : 60348911466 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a storage class?

1. auto
2. extn
3. static
4. register

Options :

60348943531. 1

60348943532. 2

60348943533. 3

60348943534. 4

Question Number : 37 Question Id : 60348911467 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The continue statement cannot be used with

1. for
2. while
3. switch
4. do-while

Options :

60348943535. 1

60348943536. 2

60348943537. 3

60348943538. 4

Question Number : 38 Question Id : 60348911468 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

If the names of local and global variables are same, what will happen?

1. Local variable will have higher priority
2. Global variable will have higher priority
3. The one defined first will get higher priority
4. Will generate an error

Options :

60348943539. 1

60348943540. 2

60348943541. 3

60348943542. 4

Question Number : 39 Question Id : 60348911469 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a compound assignment operator?

1. +=
2. ==
3. *=
4. /=

Options :

60348943543. 1

60348943544. 2

60348943545. 3

60348943546. 4

Question Number : 40 Question Id : 60348911470 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What will be the output of the following program ?

```
int main()
{
int p = 0, q = 1;
    p = q++;
    p = ++q;
    p = q--;
    p = --q;
printf("%d\t%d",p,q);
    return 0;
}
```

1. 1 1
2. 0 1
3. 1 2
4. 0 2

Options :

60348943547. 1

60348943548. 2

60348943549. 3

60348943550. 4

Question Number : 41 Question Id : 60348911471 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Do-while loop terminates when the conditional expression returns

1. one
2. zero
3. non zero
4. true

Options :

60348943551. 1

60348943552. 2

60348943553. 3

60348943554. 4

Question Number : 42 Question Id : 60348911472 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Among the following, which is not a true statement regarding ++ operator ?

1. 9
2. 50
3. 4
4. 15

Options :

60348943555. 1

60348943556. 2

60348943557. 3

60348943558. 4

Question Number : 43 Question Id : 60348911473 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Among the following, which is not a true statement regarding ++ operator ?

1. The operand can come before or after the operator
2. It is a binary operator
3. It associates from right
4. It cannot be applied to an expression

Options :

60348943559. 1

60348943560. 2

60348943561. 3

60348943562. 4

Question Number : 44 Question Id : 60348911474 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What will be the size of the array if it is declared as
intar[3][5] ?

1. 3
2. 5
3. 8
4. 15

Options :

60348943563. 1

60348943564. 2

60348943565. 3

60348943566. 4

Question Number : 45 Question Id : 60348911475 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Terminal symbols in a flow chart is indicated as

1. Output
2. End
3. Processed
4. Last

Options :

60348943567. 1

60348943568. 2

60348943569. 3

60348943570. 4

Question Number : 46 Question Id : 60348911476 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the maximum number of dimensions possible for an array in C?

1. 2
2. 3
3. 10
4. No limit

Options :

60348943571. 1

60348943572. 2

60348943573. 3

60348943574. 4

Question Number : 47 Question Id : 60348911477 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which among the following symbols is used to represent decision in flowchart?

1. Triangle
2. Square
3. Diamond
4. Circle

Options :

60348943575. 1

60348943576. 2

60348943577. 3

60348943578. 4

Question Number : 48 Question Id : 60348911478 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which operator has right to left associativity?

1. &&
2. ||
3. ^
4. !

Options :

60348943579. 1

60348943580. 2

60348943581. 3

60348943582. 4

Question Number : 49 Question Id : 60348911479 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Predict the output of program given below:

```
#include
int main()
{
printf("%c ", "LetUsSee"[5]);
return 0;
}
```

1. See
2. S
3. sSee
4. e

Options :

60348943583. 1

60348943584. 2

60348943585. 3

60348943586. 4

Question Number : 50 Question Id : 60348911480 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What will be output of the following program?

```
#include
int x=100;
void print();
void main()
{
int x=10;
print();
}
void print()
{
printf("%d",x);
}
```

1. 10
2. 100
3. Will generate error
4. Both 10 and 100

Options :

60348943587. 1

60348943588. 2

60348943589. 3

60348943590. 4

Question Number : 51 Question Id : 60348911481 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What will be the output of the following program?

```
#include
Int main()
{
    int i, j;
    for (i = 1 ; i <= 2 ; i++)
    {
        for (j = 1 ; j <= 2 ; j++)
        {
            if (i == j)
                continue ;
            printf ( "\n%d %d\n", i, j );
        }
    }
}
```

1. 1 2

2 1

2. 1 1

2 2

3. 1 2

1 2

4. 1 1

1 2

2 1

2 2

Options :

60348943591. 1

60348943592. 2

60348943593. 3

60348943594. 4

**Question Number : 52 Question Id : 60348911482 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Arrange the following steps in the order for loop processing

1. Test for a specified value of the condition variable
2. Initializing and setting of a conditional variable.
3. Incrementing or updating the condition variable
4. Execution of the statements inside the loop.

1. 2, 3, 4, 1
2. 2, 3, 1, 4
3. 2, 1, 4, 3
4. 2, 4, 1, 3

Options :

60348943595. 1

60348943596. 2

60348943597. 3

60348943598. 4

**Question Number : 53 Question Id : 60348911483 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Which of the following is called as address variable?

1. array
2. pointer
3. float
4. variable

Options :

60348943599. 1

60348943600. 2

60348943601. 3

60348943602. 4

**Question Number : 54 Question Id : 60348911484 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Which of the following function is necessary to execute a C program?

1. printf()
2. getch()
3. clrscr()
4. main()

Options :

60348943603. 1

60348943604. 2

60348943605. 3

60348943606. 4

**Question Number : 55 Question Id : 60348911485 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Which if the following is not true with passing arguments to function by value?

1. Value of actual argument is copied into the function
2. Changes in formal arguments will not alter actual argument
3. Only a single argument can be passed by value
4. Actual arguments can be either constants or variable

Options :

60348943607. 1

60348943608. 2

60348943609. 3

60348943610. 4

Question Number : 56 Question Id : 60348911486 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The recursive functions are executed in

1. Parallel order
2. Last in first out order
3. First in first out order
4. Random order

Options :

60348943611. 1

60348943612. 2

60348943613. 3

60348943614. 4

Question Number : 57 Question Id : 60348911487 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What will be the output of the following program?

Assume that the variable i is stored at the location 23451

```
int main()
{
    int i =10;
    int *a;
    a=&i;
    printf("%d",*a);
}
```

1. 23451
2. 10
3. compile error
4. Any bug value will be printed

Options :

60348943615. 1

60348943616. 2

60348943617. 3

60348943618. 4

**Question Number : 58 Question Id : 60348911488 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Which of the following is false about pointer variables?

1. Two pointer variables cannot be added
2. Pointer variable can be multiplied by a constant
3. Two pointer variables cannot be divided or multiplied
4. A pointer holds the address of a variable

Options :

60348943619. 1

60348943620. 2

60348943621. 3

60348943622. 4

**Question Number : 59 Question Id : 60348911489 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

The format for the declaration of an array of pointers is

1. data type * array_name[size];
2. data type array_name*[size]
3. array_name[size]* data type;
4. data type *array_name;

Options :

60348943623. 1

60348943624. 2

60348943625. 3

60348943626. 4

Question Number : 60 Question Id : 60348911490 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is the process of fixing program errors and improving the program

1. Portability
2. Maintainability
3. Efficient
4. Reliable

Options :

60348943627. 1

60348943628. 2

60348943629. 3

60348943630. 4

Question Number : 61 Question Id : 60348911491 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Input and output devices such as monitors and keyboards are classified as

1. Arithmetic unit
2. Control unit devices
3. Peripheral devices
4. Main store devices

Options :

60348943631. 1

60348943632. 2

60348943633. 3

60348943634. 4

Question Number : 62 Question Id : 60348911492 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which is the correct way of commenting a single line?

1. `/*printf("Hello C.");`
`printf("How are you.");`
2. `//printf("Hello C.");`
`printf("How are you.");`
3. `/*printf("Hello C.");`
`printf("How are you.");*/`
4. `/printf("Hello C.);/`
`printf("How are you.");`

Options :

60348943635. 1

60348943636. 2

60348943637. 3

60348943638. 4

Question Number : 63 Question Id : 60348911493 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A Compiler is _____

1. A combination of computer hardware
2. A program which translates from one high-level language to another
3. A program which translates from one high-level to a machine level language
4. None of the options

Options :

60348943639. 1

60348943640. 2

60348943641. 3

60348943642. 4

Question Number : 64 Question Id : 60348911494 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not involved in debugging?

1. Test
2. Fixing
3. Identifying
4. Isolating

Options :

60348943643. 1

60348943644. 2

60348943645. 3

60348943646. 4

Question Number : 65 Question Id : 60348911495 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Statement $C=(A + B/2)$ would generate a result of

1. Input values
2. Syntax error
3. Logical error
4. Problem statement

Options :

60348943647. 1

60348943648. 2

60348943649. 3

60348943650. 4

Question Number : 66 Question Id : 60348911496 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Identify wrong C Keywords from below.

1. auto, double, int, struct
2. break, else, long, switch
3. case, enum, register, typedef
4. char, extern, intern, return

Options :

60348943651. 1

60348943652. 2

60348943653. 3

60348943654. 4

Question Number : 67 Question Id : 60348911497 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the total number of keywords in C language?

1. 28
2. 32
3. 36
4. 40

Options :

60348943655. 1

60348943656. 2

60348943657. 3

60348943658. 4

Question Number : 68 Question Id : 60348911498 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is correct with respect to size of the datatypes?

1. char > int > float
2. int > char > float
3. char
4. double > char > int

Options :

60348943659. 1

60348943660. 2

60348943661. 3

60348943662. 4

Question Number : 69 Question Id : 60348911499 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which variable has the longest scope?

```
#include
int b;
int main()
{
    int c;
    return 0;
}
int a;
```

1. a
2. b
3. c
4. Both a and b

Options :

60348943663. 1

60348943664. 2

60348943665. 3

60348943666. 4

Question Number : 70 Question Id : 60348911500 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Structure elements are accessed with the operator

1. dot(.)
2. ()
3. _
4. &

Options :

60348943667. 1

60348943668. 2

60348943669. 3

60348943670. 4

Question Number : 71 Question Id : 60348911501 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

If s1 and s2 are two structure variables of same time, which of the following operation is not permissible?

1. s1=s2
2. s2=s1
3. s1!=s2
4. All these are permissble

Options :

60348943671. 1

60348943672. 2

60348943673. 3

60348943674. 4

Question Number : 72 Question Id : 60348911502 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

As per the structure defined below which of the following variable represent an array of structures ?

```
struct student
{
    int rollno;
    float fees;
    char name[15];
} s[100];
struct student s1,s2;
```

1. name
2. s
3. s1 and s2
4. None of these

Options :

- 60348943675. 1
- 60348943676. 2
- 60348943677. 3
- 60348943678. 4

Question Number : 73 Question Id : 60348911503 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the size of a structure in C?

1. C structure is always 128 bytes
2. Size of C structure is the total bytes of all elements of structure
3. Size of C structure is the size of largest element.
4. Size may not be computed

Options :

- 60348943679. 1
- 60348943680. 2
- 60348943681. 3
- 60348943682. 4

Question Number : 74 Question Id : 60348911504 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Predict the output of the following code

```
int main()
{
    static int var = 5;
    printf("%d ",var--);
    if(var)
        main();
}
```

1. 5 4 3 2 1
2. 5 5 5 5 5
3. 1 2 3 4 5
4. Will not execute

Options :

60348943683. 1

60348943684. 2

60348943685. 3

60348943686. 4

Question Number : 75 Question Id : 60348911505 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the output of the program with following structure?

```
int main()
{
    structure book
    {
        int items;
        char title[20];
    }b;
    strcpy(b.name, "ANSI C");
    b.items=100;
    printf("%s", b.name);
    return 0;
}
```

1. ANSI C
2. compile error
3. no output string
4. None of these

Options :

60348943687. 1

60348943688. 2

60348943689. 3

60348943690. 4

Question Number : 76 Question Id : 60348911506 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Choose the correct statement about C structures.

1. Structure elements can be initialized at the time of declaration
2. Only the arrays within structure can be initialized at the time of declaration
3. Structure elements cannot be initialized at the time of declaration
4. There can be a maximum of 5 elements for a structure

Options :

60348943691. 1

60348943692. 2

60348943693. 3

60348943694. 4

**Question Number : 77 Question Id : 60348911507 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Identify the error in the following code.

```
int main()
{
    int const * p=5;
    printf("%d", ++(*p));
}
```

1. Cannot modify a constant value
2. () cannot be used with *p
3. use of %d
4. No error in this code

Options :

60348943695. 1

60348943696. 2

60348943697. 3

60348943698. 4

**Question Number : 78 Question Id : 60348911508 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

What is the output of the following C Program with switch statement?

```
int main()
{
int a=5;

    switch(a)
    {

    }

printf("MyProgram");
}
```

1. MyProgram
2. No Output
3. Compiler Error
4. None of these

Options :

- 60348943699. 1
- 60348943700. 2
- 60348943701. 3
- 60348943702. 4

Question Number : 79 Question Id : 60348911509 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

If you have to make decision based on multiple choices, which of the following is best suited?

1. if
2. if-else
3. if-else-if
4. All of these

Options :

- 60348943703. 1
- 60348943704. 2
- 60348943705. 3
- 60348943706. 4

**Question Number : 80 Question Id : 60348911510 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Loops in C Language are implemented using?

1. While loop
2. For loop
3. Do while loop
4. All of these

Options :

60348943707. 1

60348943708. 2

60348943709. 3

60348943710. 4

**Question Number : 81 Question Id : 60348911511 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

In situations where we need to execute body of the loop before testing the condition, we should use _____.

1. For loop
2. While loop
3. Do while loop
4. Nested for loop

Options :

60348943711. 1

60348943712. 2

60348943713. 3

60348943714. 4

**Question Number : 82 Question Id : 60348911512 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

To perform a set of instructions repeatedly, which of the following can be used?

1. if-else-if
2. for
3. while
4. Both, if-else-if and for

Options :

60348943715. 1

60348943716. 2

60348943717. 3

60348943718. 4

Question Number : 83 Question Id : 60348911513 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the output of the following code ?

```
int main() {  
    inti = 1 ;  
    while( i<=2)  
        printf("%d",i);  
    return 0;  
}
```

1. 3
2. 2
3. Compilation error
4. Indefinitive loop

Options :

60348943719. 1

60348943720. 2

60348943721. 3

60348943722. 4

Question Number : 84 Question Id : 60348911514 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

C Preprocessor takes care of

1. Macros
2. Include files
3. Conditional compilation
4. All of these

Options :

60348943723. 1

60348943724. 2

60348943725. 3

60348943726. 4

Question Number : 85 Question Id : 60348911515 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Processor Directive in C language starts with.

1. # symbol (HASH)
2. \$ symbol (DOLLAR)
3. @ symbol (At The Rate)
4. & symbol (Ampersand)

Options :

60348943727. 1

60348943728. 2

60348943729. 3

60348943730. 4

Question Number : 86 Question Id : 60348911516 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which keyword is used to define a C macro?

1. def
2. definition
3. define
4. defy

Options :

60348943731. 1

60348943732. 2

60348943733. 3

60348943734. 4

Question Number : 87 Question Id : 60348911517 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following data types are accepted while declaring bit-fields?

1. char
2. float
3. double
4. None of these

Options :

60348943735. 1

60348943736. 2

60348943737. 3

60348943738. 4

Question Number : 88 Question Id : 60348911518 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A user defined data type, which is used to assign names to integral constants is called

1. Union
2. Array
3. Structure
4. Enum

Options :

60348943739. 1

60348943740. 2

60348943741. 3

60348943742. 4

Question Number : 89 Question Id : 60348911519 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the output of Bitwise OR operation | on (0110 | 1100)?

1. 1110
2. 1100
3. 1000
4. 1010

Options :

60348943743. 1

60348943744. 2

60348943745. 3

60348943746. 4

Question Number : 90 Question Id : 60348911520 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A pointer which can point to any type of memory block is called

1. Null pointer
2. Void pointer
3. Pointer constant
4. No such pointer exists

Options :

60348943747. 1

60348943748. 2

60348943749. 3

60348943750. 4

Question Number : 91 Question Id : 60348911521 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

To find the size of a data type, the function used is

1. malloc ()
2. calloc()
3. sizeof()
4. size()

Options :

60348943751. 1

60348943752. 2

60348943753. 3

60348943754. 4

Question Number : 92 Question Id : 60348911522 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What are the different types of errors possible in C?

1. Logical ,run-time, syntax
2. Logical, syntax
3. Compile time, run-time
4. Syntax, run-time

Options :

60348943755. 1

60348943756. 2

60348943757. 3

60348943758. 4

Question Number : 93 Question Id : 60348911523 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which function is used to close a file after finishing reading from it?

1. fclose()
2. fclose()
3. fput()
4. fend()

Options :

60348943759. 1

60348943760. 2

60348943761. 3

60348943762. 4

Question Number : 94 Question Id : 60348911524 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

File opening mode 'a' stands for

1. Add content at the beginning
2. Add content at the end
3. Add content anywhere in the file
4. None of these

Options :

60348943763. 1

60348943764. 2

60348943765. 3

60348943766. 4

Question Number : 95 Question Id : 60348911525 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The FILE structure is defined in which of the following files?

1. stdlib.h
2. stdio.h
3. io.h
4. stdio.c

Options :

60348943767. 1

60348943768. 2

60348943769. 3

60348943770. 4

Question Number : 96 Question Id : 60348911526 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

For binary files, which of the following is appended to the mode string?

1. Binary
2. 01
3. b
4. B

Options :

60348943771. 1

60348943772. 2

60348943773. 3

60348943774. 4

Question Number : 97 Question Id : 60348911527 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The command line arguments are handled using

1. void
2. main
3. Header files
4. None of these

Options :

60348943775. 1

60348943776. 2

60348943777. 3

60348943778. 4

Question Number : 98 Question Id : 60348911528 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the index of the last argument in command line arguments?

1. argc+1
2. argc
3. argc-1
4. argc-2

Options :

60348943779. 1

60348943780. 2

60348943781. 3

60348943782. 4

Question Number : 99 Question Id : 60348911529 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Who developed C language?

1. Martin Richards
2. Brian Kernighan
3. Ken Thompson
4. Dennis Ritchie

Options :

60348943783. 1

60348943784. 2

60348943785. 3

60348943786. 4

Question Number : 100 Question Id : 60348911530 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following statements is correct for switch expression?

1. Only numeric value can be used in switch control expression
2. Only int can be used in switch control expression
3. Both int and char can be used in switch control expression
4. Switch control expression can be empty

Options :

60348943787. 1

60348943788. 2

60348943789. 3

60348943790. 4