

### Sample question paper of PROGRAMMING WITH C

Q1. Actual instructions in flowcharting are represented in \_\_\_\_\_

- A. Circles
- B. Boxes
- C. Arrows
- D. Lines

Q2. Which one of the following is not a reserved keyword for c?

- A. auto
- B. case
- C. main
- D. register

Q3. What will be the final value of d in the following C code?

```
#include <stdio.h>
int main()
{
    int a = 20, b =10, c = 10;
    int d;
    d = b + c == a;
    printf("%d", d);
}
```

- A. Syntax error
- B. 1
- C. 20
- D. 10

Q4. #include is called

- A. Preprocessor directive
- B. Inclusion directive
- C. File inclusion directive
- D. None of the mentioned

Q5. The keyword 'break' cannot be simply used within \_\_\_\_\_

- A. do-while
- B. if-else
- C. For
- D. while

Q6. Which among the given options compares atmost n characters of string ch to string s?

- A. int strncmp(ch, s, n)
- B. int strcmp(ch, s)
- C. int strncmp(s, ch, n)
- D. int strcmp(s, ch)

Q7. What will be the output of the program?

```
#include<stdio.h>
int fun(int *f)
{
    *f = 10;
    return 0;
}
int main()
{
    const int arr[5] = {1, 2, 3, 4, 5};
    printf("Before modification arr[3] = %d", arr[3]);
    fun(&arr[3]);
    printf("\nAfter modification arr[3] = %d", arr[3]);
    return 0;
}
```

- A. Before modification arr[3] = 4 After modification arr[3] = 10
- B. Error: cannot convert parameter 1 from const int \* to int \*
- C. Error: Invalid parameter
- D. Before modification arr[3] = 4 After modification arr[3] = 4

Q8. struct list

```
{
int x;
struct list *next;
} *head;
head.x = 100;
```

Whether the above code is correct or wrong?

- A. Use (\*head).x = 100
- B. Use ( head\*).x = 100
- C. Use head ->x = 100
- D. None

Q9. Which of the following true about FILE \*fp

- A. FILE is a keyword in C for representing files and fp is a variable of FILE type.
- B. FILE is a stream
- C. FILE is a buffered stream
- D. FILE is a structure and fp is a pointer to the structure of FILE type

Q10. Which type of files can't be opened using fopen()?

- A. .txt
- B. .bin
- C. .c
- D. None of the above