C Programming Part 1

1. Who is the father of C language?
a) Steve Jobs
b) James Gosling
c) Dennis Ritchie
d) Rasmus Lerdorf
View Answer

Answer: c
Explanation: Dennis Ritchie is the father of C Programming Language. C programming language was developed in 1972 at American Telephone & Telegraph Bell Laboratories of USA.

2. Which of the following is not a valid C variable name?
a) int number;
b) float rate;
c) int variable_count;
d) int $main;
View Answer

Answer: d
Explanation: Since only underscore and no other special character is allowed in a variable name, it results in an error.

3. All keywords in C are in _____
a) LowerCase letters
b) UpperCase letters
c) CamelCase letters
d) None of the mentioned
View Answer

Answer: a
Explanation: None.

4. Which of the following is true for variable names in C?
a) They can contain alphanumeric characters as well as special characters
b) It is not an error to declare a variable to be one of the keywords(like goto, static)
c) Variable names cannot start with a digit
d) Variable can be of any length
View Answer

Answer: c
Explanation: According to the syntax for C variable name, it cannot start with a digit.

5. Which is valid C expression?
a) int my_num = 100,000;
b) int my_num = 100000;
c) int my num = 1000;
d) int $my_num = 10000;
View Answer

Answer: b
Explanation: Space, comma and $ cannot be used in a variable name.

6. Which of the following cannot be a variable name in C?
a) volatile
b) true
c) friend
d) export
View Answer

Answer: a
Explanation: volatile is C keyword.

7. What is short int in C programming?
a) The basic data type of C
b) Qualifier
c) Short is the qualifier and int is the basic data type
d) All of the mentioned
View Answer

Answer: c
Explanation: None.

8. Which of the following declaration is not supported by C language?
a) String str;
b) char *str;
c) float str = 3e2;
d) Both String str; & float str = 3e2;
View Answer

Answer: a
Explanation: It is legal in Java, but not in C language.

9. Which keyword is used to prevent any changes in the variable within a C program?
a) immutable
b) mutable
c) const
d) volatile
View Answer

Answer: c
Explanation: const is a keyword constant in C program.

10. What is the result of logical or relational expression in C?
a) True or False
b) 0 or 1
c) 0 if an expression is false and any positive number if

an expression is true
d) None of the mentioned
View Answer

11. Which of the following typecasting is accepted by C language?
a) Widening conversions
b) Narrowing conversions
c) Widening & Narrowing conversions
d) None of the mentioned
View Answer

Answer: c
Explanation: None.

12. Where in C the order of precedence of operators do not exist?
a) Within conditional statements, if, else
b) Within while, do-while
c) Within a macro definition
d) None of the mentioned
View Answer

Answer: d
Explanation: None.

13. Which of the following is NOT possible with any 2 operators in C?
a) Different precedence, same associativity
b) Different precedence, different associativity
c) Same precedence, different associativity
d) All of the mentioned
View Answer

Answer: c
Explanation: None.

14. What is an example of iteration in C?
a) for
b) while
c) do-while
d) all of the mentioned
View Answer

Answer: d
Explanation: None.

15. Functions can return enumeration constants in C?
a) true
b) false
c) depends on the compiler
d) depends on the standard
View Answer

Answer: a
Explanation: None.

16. Functions in C Language are always _____
a) Internal
b) External
c) Both Internal and External
d) External and Internal are not valid terms for functions
View Answer

Answer: b
Explanation: None.

17. Which of following is not accepted in C?
a) static a = 10; //static as
b) static int func (int); //parameter as static
c) static static int a; //a static variable prefixed with static
d) all of the mentioned
View Answer

Answer: c
Explanation: None.

18. Property which allows to produce different executable for different platforms in C is called?
a) File inclusion
b) Selective inclusion
c) Conditional compilation
d) Recursive macros
View Answer

Answer: c
Explanation: Conditional compilation is the preprocessor facility to produce a different executable.

19. What is #include <stdio.h>?
a) Preprocessor directive
b) Inclusion directive
c) File inclusion directive
d) None of the mentioned
View Answer

Answer: a
Explanation: None.

20. C preprocessors can have compiler specific features.
a) True
b) False
c) Depends on the standard
d) Depends on the platform
View Answer

Answer: a
Explanation: #pragma is compiler specific feature.