

**S.S.R. DEGREE COLLEGE,(AUTONOMOUS) NIZAMABAD (C.C:5029)**

**I SEMESTER INTERNAL ASSESSMENT I EXAMINATIONS**

**BA (COMPUTER SCIENCE) PROGRAMMING WITH C**

**QUESTION BANK**

**I. Multiple Choice Questions**

1. A symbolic constant can be defined as a name representing a sequence of \_\_\_\_\_ ( a )  
a) Variables      b) Characters    c) Code                      d) Data type
2. \_\_\_\_\_ Memories are extremely fast memories ( a )  
a) Primary      b) Virtual      c) Secondary      d) Cache
3. \_\_\_\_\_ of the computer include its processing speed, accuracy and reliability ( c )  
a) Speed      b) Cost      c) Performance      d) Reliability
4. \_\_\_\_\_ operator include increment operator (++), decrement operator(--), minus ( - ) operator, address (&) operator. ( a )  
a) Ternary    b) Unary      c) Binary      d) Relational
5. The result of \_\_\_\_\_ expression will be true only when both the relational expression are true. ( a )  
a) Logical AND    b) Logical OR    c) Logical NOT      d) Logical X-OR
6. RAM stands for \_\_\_\_\_ ( a )  
a) Random Access Memory                      b) Random Access Meter  
c) Rate Access Memory                      d) Random Access Mode
7. \_\_\_\_\_ is a hard copy output device ( c )  
a) Monitor    b) Plotters                      c) Printer      d) None of the above
8. The size of \_\_\_\_\_ data type variable is 4 bytes ( c )  
a) Char      b) Int                      c) Float      d) Double
9. In which of the program execution the object code is loaded into memory ( d )  
a) Edition phase    b) Compilation phase                      c) Linking phase      d) Execution Phase
10. The value of \_\_\_\_\_ variable remains unchanged throughout the program. ( a )  
a) Static    b) Dynamic    c) Automatic    d) None of the above
11. \_\_\_\_\_ transfers the control from one place to another unconditionally. ( d )  
a) Break    b) Continue    c) Else    d) goto
12. The \_\_\_\_\_ operator has lowest priority among all the operators in c. ( d )  
a) Conditional operator    b) Size of operator      c) Logical AND operator  
d) Comma operator
13. Which of the following function is used to copy the source string to target string ( d )  
a) Copy()      b) String cpy ( )      c) String copy( )      d) Strcpy( )

14. \_\_\_\_\_ is not a selection statement ( c )  
 a) if      b) switch      c) for      d) return
15. \_\_\_\_\_ is a jump statement ( d )  
 a) While    b) Do - while    c) for    d) return
16. \_\_\_\_\_ repeatedly executes the statement as long as the expression /condition remains true ( a )  
 a) while    b) Void      c) do – while    d) for
17. \_\_\_\_\_ statement does not specify any code except semicolon in its else part. ( c )  
 a) if – else statement      b) Nested if –else statement  
 c) Null-else statement      d) Dangling else
18. \_\_\_\_\_ refers to a segment within a program providing certain functionality to that program ( c )  
 a) Variable      b) Pointer      c) Block      d) Constant
19. Which among the following is a valid two – dimensional array ( a )  
 a) int a[5][3]    b) int char[5]    c) int[5][3]      d) int a [5]-[3]
20. Converge() function can be used as a variation in \_\_\_\_\_ loop ( a )  
 a) for                      b) While      c) do – while    d) All the above

## II. Fill in the blanks

- Computer** is an electronic machine that is capable of manipulating, storing, retrieving and processing the user entered data.
- An **Algorithm** is a method of representing the step – by – step procedure for solving a problem.
- Second generation computers were based on **Transistors** technology
- Flowchart** is a diagrammatic representing of algorithm.
- Symbolic** languages are called as assembly languages.
- ++ is a **Increment** operator.
- RAM is a **Volatile** memory.
- Keyboard contains **12** number of function keys.
- Operating system** is an intermediary between user and the computer hardware.
- The **\*** operator has highest priority.
- Iteration** Statements are executed repeatedly until a condition is satisfied
- Continue** is a keyword used for continuing the next iteration of the loop.
- Array** is a collective name given to a group of similar elements.
- Break** Keyword is used to terminate the loop.

15. **Switch** is a multiway decision making statement.
16. Goto comes under **Jump** statements.
17. The simplest form of an array is **Single – dimensional** array.
18. To store data in the form of a matrix, **Two – dimensional** array is used.
19. **Strcmp()** string handling function is used to compare two strings.
20. Array elements can be initialized at the place of **Declaration** itself.

### **III. Descriptive Questions**

1. What are tokens explain briefly?
2. Explain about formatted input/output statements?
3. Explain about data types ?
4. Explain if and if-else control statements?
5. Explain about looping statements with examples