

TELANGANA UNIVERSITY
S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029)
I SEMESTER INTERNAL ASSESSMENT II EXAMINATIONS
COMPUTER SCIENCE (PROGRAMMING IN C) QUESTION BANK

I. Multiple choice questions.

1. Use of functions [a,b,c,d]
(a) helps to avoid repeating a set of statements many times
(b) enhances the logical clarity of the programs
(c) helps to avoid repeated programming across programs.
(d) makes the debugging task easier
2. Storage class defines. [c]
(a) the data-type
(b) the scope
(c) the scope and permanences
(d) the scope, permanence and datatype
3. Max is a function that returns the larger of the two integers, given as arguments, which of the following statements finds the largest of three given numbers? [a,c,d]
(a) max (max (a, b), max (a, c))
(b) max (a, max(a, c))
(c) max (max(a, b), max(b, c))
(d) max (b, max (a, c))
4. c preprocessor [a,b,c,d]
(a) takes care of conditional compilation
(b) takes care of macros
(c) takes care of include files
(d) acts before compilation
5. The use of macro in the place of functions [a,d]
(a) reduces execution time
(b) reduces code size
(c) increases execution time
(d) increases code size
6. The for loop [a]
for (i=0; i < 10; ++i)
print f("%d", i & 1)
prints
(a) 0101010101 (b) 0111111111 (c) 0000000000 (d) 1111111111
7. The following program [a]
main()
{
int i=2
{
in i=4,j=5;
printf("%d %d", i, j);
}
printf("%d %d", i, j);
}
- (a) will not compile successfully (b) Prints 4525 (c) Prints 2525 (d) none of the above
8. The possible output of printf ("%d %d", ptr, ptr + 1); is [b]
(a) 262 262 (b) 262 266 (c) 262 263 (d) 262 265

9. In a for loop, if the condition is missing then, [b]
 (a) It is assumed to be present and taken to be false
 (b) It is assumed to be present and taken to be false
 (c) It results in a syntax error.
 (d) Execution will be terminated abruptly
10. Using goto inside for loop is equivalent to using [d]
 (a) Continue (c) Return (b) Break (d) None of the above
11. For accessing a structure element using a pointer, you must use? [d]
 (a) Pointer operator (&) (b) Dot operators(.) (c) Pointer operator("") (d) Arrow operator(->)
12. Which operator is used to connect structure name to its member name? [a]
 (a) dot operator(.) (b) logical operator(&&)
 (c) pointer operator(&) (d) Arrow operator(->)
13. In C, structure values can be passed as arguments to function by? [d]
 (a) passing each member of the structure as an argument of function call
 (b) passing copy of the entire structure to the called function
 (c) passing structure as an argument using pointer
 (d) All of above
14. What does the following segment of code do? [a]

```
printf(fp, "Copying!");
```


 (a) It writes "Copying!" into the file pointed by fp
 (b) It reads "Copying!" from the file and prints on display
 (c) It writes as well as reads "Copying!" to and from the file and prints it
 (d) None of the mentioned
15. FILE reserved word is [d]
 (a) A structure tag declared in stdio.h
 (b) One of the basic datatypes in c
 (c) Pointer to the structure defined in stdio.h
 (d) It is a type name defined in stdio.h
16. stdout, stdin and stderr are _____ [a]
 (a) File pointers (b) File descriptors (c) Streams (d) Structure
17. Which of the following reduces the size of a structure? [b]
 (a) union (b) bit-fields (c) malloc (d) None of the mentioned
18. For binary files, a _____ must be appended to the mode string [b]
 (a) Nothing (b) "b" (c) "binary" (d) "01"
19. If there is any error while opening a file, fopen will return [c]
 (a) Nothing (b) EOF (c) NULL (d) Depends on compiler
- 20 Size of a union is determined by size of the [c]
 (a) First member in the union
 (b) Last member in the union
 (c) Biggest member in the union
 (d) Sum of the sizes of all members

II. Fill in the blanks

1. Pointer to pointer can be denoted as **P
2. The statement that is used to terminate the execution of a function is return statement
3. The type of function depends upon its return type and types of its parameter
4. The values given to a function at the time of making the function call are called actual arguments
5. A function that calls itself within its own body is called direct recursive
6. By default, the return type of a function is int
7. The order in which actual arguments are evaluated in a function call is compiler-dependent
8. The address operator and, cannot act on arithmetic expressions
9. If storage class is missing in the array definition, by default it will be taken to be either automatic or external

10. A function that accepts a pointer to a character as argument and returns a pointer to an array of integers can be declared as int (*q(char)) []
11. The fscanf() statement reads data from file
12. Command line arguments are used to accept argument from a command prompt of operating system
13. The redirection operator '>' transfers any output to text file
14. The EOF is equivalent to non zero
15. feof() function is used to detect the end of file.
16. When fopen() fails to open a file it returns -1
17. The contents of a file will be lost if it is opened in w and w+ mode
18. Size of void pointer is 2 byte
19. puts (argv[0]) ; prints the name of the executable code file
20. Size of a union is determined by size of the biggest number in the union