

Birlasoft

This is the paper of birlasoft 31 july 04  
English was easy aptitude rs agrawal

For csc also they r asking same papers

BIRLASOFT PAPER DATE- 31 JULY 2004

=====set BSL  
001=====

1. What is the function of the modulus operator in most languages ?

- a) Sets a system environmental value to either base 10 ,base 8 or base 16
- b) Returns the remainder after dividing one number by another
- c) Returns the first argument raised to the second argument power
- d) Prints out the actual code written to standard output rather than executing the code

```
2. class professor{}  
class teacher: public virtual professor{};  
class researcher: public virtual professor {}  
class myprofessor :public teacher,public researcher {};
```

Referring to the sample code above ,if an object of class "myprofessor" were created ,how many instances of professor will it contain?

- a) 0
- b) 1
- c) 2
- d) 3

3. Modern RDBMS's perform the following the following functionc except \_\_\_\_\_.

- a) Force column values in one table to match any of the values in a column of another table
- b) Automatically replicate data on another server
- c) Automatically create new indexes based on query history
- d) Prevent unauthorized users from accessing data at the firls level

4. Which is not the characteristics of a view ?

- a) Consumes Disk space for data
- b) Multiple tables
- c) Multiple rows
- d) Updateable

5. RDBMS triggers are typically bound to a \_\_\_\_\_and one or more \_\_\_\_\_

- a) Table,SQL statement types
- b) SQL statement type,user
- c) Column,rows
- d) User, tables

6. What relationship is resolved by an "intersecting" or "associative" entity ?

- a) Recursive
- b) Mandatory one to one
- c) Many to Many
- d) One to One

7. Make a copy of file "upper" in the directory two levels up .

- a) jump -2 upper
- b) cp upper ../..
- c) cp upper -2/
- d) None of the above

=====

1. Which of the following best explains life cycle of Defect ?

- a) Defect Found -> Defect Logged -> Defect Debugged -> Defect Closed -> Defect Rechecked
- b) Defect Found -> Defect Debugged -> Defect Reported -> Defect Rechecked -> Defect Closed
- c) Defect Debugged -> Defect Found -> Defect Closed -> Defect Reported -> Defect Rechecked
- d) Defect Found -> Defect Logged -> Defect Debugged -> Defect Rechecked -> Defect Closed

2. Which group does Winrunner ,Load Runner ,SQA Suite fall under ?

- a) Databases
- b) Automated Test Tools
- c) Operating Systems
- d) Rapid Application Development Tool

```
3. i = 0;
   j = 0;
   for(j=1;j<10;j++)
   i=i+1;
```

In the (generic) code segment above what will be the value of the variable i at completion ?

- a) 0
- b) 1
- c) 3
- d) 9

4. Which of the following statements is true when a derivation inherits both a virtual and non-virtual instance of a base class ?

- a) Each derived class object has base objects only from the non virtual instance
- b) Each base class object has derived objects only from the non-virtual instance
- c) Each derived class object has base objects only from the virtual instance
- d) Each derived class object has a base object from the virtual instance and a base object from non-virtual instance.

5. class Word

```
{
public:
Word(const char*,int = 0);
};
```

Referring to the sample code above what is the minimum number of arguments required to call the constructor ?

- a) 0
- b) 1
- c) 2
- d) 3

6. Which one of the following represents a correct and safe declaration of NULL ?

- a) typedef((void \*)0) NULL;
- b) typedef NULL(char \*)0;
- c) #define NULL((void \*)0)
- d) #define NULL((char\*)0)

7. #include

Referring to the sample code above ,which of the following could you use to make the standards I/O Stream classes accessible without requiring the scope resolution operator ?

- a) using namespace std::iostream
- b) using namespace std;
- c) using namespace iostream ;
- d) using iostream;

8. Which one of the following statements allocates enough space to hold an array of 10 integers that are initialized to 0 ?

- a) int \*ptr = (int \*) calloc(10,sizeof(int));
- b) int \*ptr = (int \*) alloc( 10\*sizeof(int));
- c) int \*ptr = (int \*) malloc( 10\*sizeof(int));
- d) int \*ptr = (int \*)calloc(10\*sizeof(int));

9. What function will read a specified number of elements from a file ?

- a) fread()
- b) readfile()
- c) fileread()

d) gets()

10. What is the largest value an integer can hold in a Standard C compiler ?

- a) 32767
- b) 65536
- c) 2147483647
- d) INT\_MAX

11. With every use of memory allocation function should be used to release allocated memory which is no longer needed ?

- a) dropmem()
- b) dealloc()
- c) release()
- d) free()

```
12. int a=1;
int ab=4;
int main()
{
int b=3,a=2;
printf("%i*/%i*/%i*/i",a,b,ab);
}
```

13 kernel execute the first process when system is start---  
ans :- init();

14 process id of kernel

- (a) 1
- (b) 0
- (c) 2
- (d) none

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- d) int \*ptr = (int \*)calloc(10\*sizeof(int));

=====GD TOPICS=====

- 1- indian cricket team is consistent or not;
- 2- IT should be necessary in rural area or not;
- 3- sourav ganguli should be captain or not;
- 4- advantage & disadvantages of Outsourcing;
- 5- india & pakistan matches are passion (josh) or not;