

Advance Level Questions

1) Evaluate the following postfix expression : 1 4 18 6 / 3 + + 5 / +

- 8
- 2
- 3
- u **Answer**_____?

2) Which of the following is a Multicast delegate?

```
public void delegate D1(int x,int y);
public class A
{
public void M1(int x,int y)
{
}
public void M2(int x,int y)
{
}
}
```

- i. D1 d1=new D1(M1);
- ii. D1 d2=new D2(M2);
- iii. D1 d3=d1+d2;
- iv. D1 d4=d3-d1;

- i and ii
- ii and iii
- i,ii,and iii
- iii and iv **Answer**_____?

3) Identify the error in the following program

```
#include
using namespace std;
class room
{
```

```

int width,height;
void setvalue(int w, int h)
{
width = w;
height = h;
}
};
int main()
{
room r1;
r1.width = 12;
return 0;
}

```

- r1.width = 12;
- r1.width = 15;
- r1.width = 12,78
- r1.room = 12;

Answer_____?

4) What is the output of the following program?

```

#include
using namespace std;
class A
{
public:
void print()
{
cout <<" This is class A";
}
};
class B : public A
{
public:
void print()
{
cout <<" This is class B";
}
};
class C: public B { };
int main(void)
{
C c;

```

```
c.print();
return 0;
}
```

- This is class A
- This is class B
- Compiler Error: Ambiguous call to print()
- Runtime Error **Answer_____?**

5) Which statement is true for the following example

```
createprocedure sp_emp_sal(@empno int, @sal int output)
as
select @sal= salary from employee where empno=@empno
return
```

```
go
-- to execute the procedure
declare @empno int=2
declare @sal int
exec sp_emp_sal @empno, @sal
print @sal
```

- The salary of the employee is displayed
- The OUTPUT keyword does not exist in procedures
- RETURN keyword can not be used in procedures
- No output will be got, as @sal does not hold any value

Answer_____?

6) Which statements are true for the following examples.

```
alter procedure sp_emp_sal(@empno int)
as
declare @sal int
select @sal= salary from employee where empno=@empno
return @sal
go
declare @empno int=2
declare @sal int
```

```
exec@sal=sp_emp_sal@empno  
print@sal
```

- Procedure returns error as RETURN statement cannot be used in stored procedures
- exec@sal=sp_emp_sal@empno statement is syntactically wrong so values returned does not come into @sal variable in the calling procedures
- Successfully executes and displays the salary for a given employee
- Invalid PRINT statement as the @sal has to be converted into string.

Answer_____?

7) session-1:

```
settransactionisolationlevelsnapshot  
begintran  
select*fromtrandemo  
select*fromtrandemo  
rollbacktran
```

session-2:

```
begintran  
updatetrandemosetvalue=200  
committran
```

From the above example, state which statement is true

- The user in session-2 is locked until all the select statements are executed in session-1
- The user in session-2 does not have to wait until all the select statements in session-2
- User in session-2 goes into continuous wait even after the user in session-2 releases the lock
- Rollback cannot be used in explicit transactions

Answer_____?

8) Find the output?

```
public static class MySettings  
{  
public static int Counter;
```

```
}
```

MySettings.Counter can be shared between

- All requests by all client
- All requests by a given client
- All code in same request
- None of the above

Answer_____?

9) which is valid

```
function setCookie(cname, cvalue, exdays)
{
  var d = new Date();
  d.setTime(d.getTime() + (exdays * 24 * 60 * 60 * 1000));
  var expires = "expires="+d.toUTCString(); document.cookie = cname + "=" + cvalue + ";" +
  expires + ";path=/";
}
function getCookie(cname)
{
  var name = cname + "=";
  var ca = document.cookie.split(';');
  for(var i = 0; i < ca.length; i++)
  {
    var c = ca[i];
    while (c.charAt(0) == ' ')
    { c = c.substring(1);
    }
    if (c.indexOf(name) == 0)
    {
      return c.substring(name.length, c.length);
    }
  }
  return "";
}
function checkCookie()
{
  var user = getCookie("username");
  if (user != "")
  {
    alert("Welcome again " + user);
  }
  else
```

```

{
user = prompt("Please enter your name:", "");
if (user != "" && user != null)
{
setCookie("username", user, 365);
}
}
}

```

Answer_____?

10) Which of the following are valid for Action Method of a Controller

- [HttpPost][HttpGet]public ActionResult Index() { }
- [AcceptVerb(HttpGet | HttpPost)] public ActionResult Index() { }
- [AcceptVerb(HttpGet | HttpPost)] public ActionResult Index() { }
- [AcceptVerb(HttpVerb.Get | HttpVerb.Post)] public ActionResult Index() { }

Answer_____?

11) Find the output?

```

class SA
{
public static int S1;
static SA()
{
S1++;
Console.WriteLine("In Static constructor: " + S1);
}
public SA()
{
++S1;
Console.WriteLine("In constructor: " + S1);
}
}
class Program
{
static void Main(string[] args)
{
SA a = new SA();
}
}

```

- In Static constructor: 1

- In constructor: 2
- Both A and B

Answer_____?

12) What is the output?

```
static class SA
{
public static int S1;
static SA()
{
S1++;
Console.WriteLine("In Static constructor: " + S1);
}
public SA()
{
S1++;
Console.WriteLine("In constructor: " + S1);
}
}
class Program
{
static void Main(string[] args)
{
SA a = new SA();
}
}
```

- In Static constructor: 1
- In constructor: 2
- Both A and B
- Compilation error

Answer_____?

13) Which is correct using append element

- \$("this is after paragraph").append("div");
- \$("div").append("this is after paragraph");
- \$("div").append."this is after paragraph";

- None

Answer_____?

14) Which among the following segment of code counts the number of elements in the double linked list, if it is assumed that X points to the last element of the list and ctr is the variable which counts the number of elements in the list?

- for(ctr=1;x!=NULL;ctr++) x=x->fwd;
- for(ctr=1;x!=NULL;ctr++) x=x->bwd;
- for(ctr=1;x->fwd!=NULL;ctr++) x=x->fwd;
- for(ctr=1;x->bwd!=NULL;ctr++) x=x->bwd;

Answer_____?

15)public ActionResult Index()

```
{  
    ViewBag.Message = "Welcome to ASP.NET MVC!";  
    return View();  
}
```

Which of the following view file is executed?

- The return will result in an error
- /Views/Home/Index.cshtml
- /Views/Home/Home.cshtml
- /Views/Home/Default.cshtml

Answer_____?