

### MCQs – Constructors, Destructors

Sr.	Question
1	Which of the following is automatically added to every class if we do not write our own? (a) copy constructor    (b) assignment operator    (c) default constructor (d) all of these
2.	Constructor can not return a value. True/False.
3.	Return type of constructor must be void. True/False.
4.	Constructor is special data member of class with same name as class name. True/False.
5.	<div> <div>Give output of following code snippet:</div> <div> <pre> class Test {     Test()     {         cout&lt;&lt;"Test() called.\n";     } }; </pre> </div> </div> <div> <pre> int main() {     Test t1,t2;     cout&lt;&lt;endl; } </pre> </div>
6.	When a copy constructor is invoked? (a) when an object is returned by value (b) when an object is passed by value as a parameter to some function (c) when an object is constructed based on another object of the same class (d) all of these (e) none of these
7	<div> <div>Give output of following code snippet:</div> <div> <pre> class Test { public:     Test()     {         cout&lt;&lt;"Test() called.\n";     } }; </pre> </div> </div> <div> <pre> int main() {     Test t1,*pt;     cout&lt;&lt;endl; } </pre> </div>
8	Which among the following is correct? (a) <code>class student{ public: int student(){} };</code> (b) <code>class student{ public: void student (){} };</code> (c) <code>class student{ public: student{}{} };</code> (d) <code>class student{ public: student(){} };</code>
9	Which among the following is not a necessary condition for constructors? (a) Its name must be same as that of class (b) It must not have any return type (c) It must contain a definition body (d) It can contain arguments
10	It is not possible to create a constructor with default arguments. True/False.