**1. What is Type Conversion in C#?**

A) A way to convert variables into functions  
B) A method of converting one data type into another  
C) A way to store different types in an array  
D) A C# keyword

**Answer:** B) A method of converting one data type into another

**2. What is Boxing in C#?**

A) Converting an object to a value type  
B) Converting a value type to an object type  
C) Converting a string to an integer  
D) Converting an integer to a float

**Answer:** B) Converting a value type to an object type

**3. Which of the following is an example of Implicit Type Conversion?**

A) int i = (int)3.14;  
B) double d = 10;  
C) string s = Convert.ToString(123);  
D) float f = Convert.ToSingle(12.5);

**Answer:** B) double d = 10;

**4. What is Unboxing in C#?**

A) Converting a reference type to a value type  
B) Converting a value type to a reference type  
C) Removing an element from a list  
D) Extracting a string from an integer

**Answer:** A) Converting a reference type to a value type

**5. Which method is used to explicitly convert a value to a string?**

A) ToInt32()  
B) ToChar()  
C) ToString()  
D) ToDouble()

**Answer:** C) ToString()

**6. Which of the following requires explicit type conversion in C#?**

A) int x = 5; double y = x;  
B) double d = 3.14; int i = (int)d;  
C) char c = 'A'; string s = c;  
D) bool b = true; int i = b;

**Answer:** B) double d = 3.14; int i = (int)d;

**7. What will be the output of the following code?**

double d = 5673.74;

int i = (int)d;

Console.WriteLine(i);

A) 5673.74  
B) 5673  
C) 5674  
D) Compilation Error

**Answer:** B) 5673

**8. Which of the following is NOT a built-in type conversion method in C#?**

A) ToBoolean()  
B) ToByte()  
C) ToArray()  
D) ToInt32()

**Answer:** C) ToArray()

**9. What happens when a larger data type is assigned to a smaller data type without explicit conversion?**

A) The value is automatically converted  
B) A runtime error occurs  
C) A compile-time error occurs  
D) The value is truncated

**Answer:** C) A compile-time error occurs

**10. Which statement about dynamic type conversion in C# is correct?**

A) dynamic type variables are checked at compile time  
B) dynamic type variables are checked at runtime  
C) dynamic type cannot be used with type conversion  
D) dynamic type is the same as object

**Answer:** B) dynamic type variables are checked at runtime