1. **Which of the following is a value type in C#?**  
   a) Object  
   b) String  
   c) int  
   d) Delegate  
   **Answer:** c) int
2. **Which type in C# is used to store a reference to an object rather than the actual data?**  
   a) Value Type  
   b) Reference Type  
   c) Pointer Type  
   d) Struct  
   **Answer:** b) Reference Type
3. **Which of the following is NOT a predefined value type in C#?**  
   a) float  
   b) decimal  
   c) dynamic  
   d) bool  
   **Answer:** c) dynamic
4. **What is the default value of a bool type variable in C#?**  
   a) true  
   b) false  
   c) 1  
   d) null  
   **Answer:** b) false
5. **Which of the following correctly defines an object type in C#?**  
   a) Object type can store values of any other types  
   b) Object type variables hold actual values  
   c) Object type is a value type  
   d) Object type cannot be boxed or unboxed  
   **Answer:** a) Object type can store values of any other types
6. **What is the keyword used to define a dynamically typed variable in C#?**  
   a) var  
   b) object  
   c) dynamic  
   d) auto  
   **Answer:** c) dynamic
7. **Which C# data type is an alias for the System.String class?**  
   a) char  
   b) string  
   c) object  
   d) var  
   **Answer:** b) string
8. **What is the main purpose of the sizeof operator in C#?**  
   a) Returns the number of elements in an array  
   b) Returns the size of a data type in bytes  
   c) Checks whether an object is null  
   d) Converts a variable to a different data type  
   **Answer:** b) Returns the size of a data type in bytes
9. **Which of the following is a pointer type in C#?**  
   a) int  
   b) string  
   c) double\*  
   d) bool  
   **Answer:** c) double\*
10. **What is the process of converting a value type to an object type in C# called?**  
    a) Type conversion  
    b) Boxing  
    c) Unboxing  
    d) Type inference  
    **Answer:** b) Boxing