Here are the **correct answers** for all the multiple-choice questions from the **Application Development – Final Exam (Set D)**:

**✅ Multiple Choice Questions (10 × 1 = 10)**

1. **What is the full form of MVC?**  
   👉 **c. Model View Controller**

MVC is a software architectural pattern that separates an application into three main logical components: Model, View, and Controller.

1. **What does the SQL "ALTER" keyword do?**  
   👉 **c. All of the above**

The ALTER command can modify, add, or delete columns, change data types, or rename columns/tables.

1. **Which keyword is used to indicate that a value cannot be changed once assigned at runtime in OOP?**  
   👉 **d. readonly**

readonly fields can only be assigned during declaration or in the constructor, making them immutable at runtime.

1. **What design pattern can be used to efficiently create or initialize an object?**  
   👉 **a. Builder Design Pattern**

Builder Pattern is used for constructing complex objects step-by-step.

1. **What is the primary purpose of an MVC architecture in a web application?**  
   👉 **d. To separate concerns and organize code effectively**

MVC helps in maintaining clean code by separating business logic, user interface, and input control.

1. **What can you not do when you are debugging your code?**  
   👉 **c. Reduce the size of your program**

Debugging helps find and fix errors but doesn’t reduce code size.

1. **What does the "foreach" loop do in OOP?**  
   👉 **b. Iterates over a collection of items without explicitly specifying the start and end points**

foreach automatically loops through collections like arrays or lists.

1. **What is a CLR in C#?**  
   👉 **a. A runtime to execute your code**

CLR (Common Language Runtime) is part of the .NET Framework responsible for managing code execution.

1. **Which data structure is commonly used to track the function calls?**  
   👉 **a. Stack**

The call stack keeps track of active functions and manages return addresses.

1. **Does HTTP support a stateful connection?**  
   👉 **a. It is a stateless protocol**

HTTP is stateless, meaning each request is independent, with no memory of previous interactions.

Let me know if you want detailed explanations for any of the answers!