**10.** **Servlet Programming: Introduction, Advantages, and Disadvantages**

**• Theory:**

**1.** **History of servlet versions:-**  Servlet 1.0 (1997): The first version, introduced basic functionality for handling HTTP requests and responses.

Servlet 2.0 (1999): Added support for sessions (cookies) and improved handling of HTTP requests.

Servlet 2.3 (2001): Introduced filters and listeners for more flexible request handling.

Servlet 2.4 (2003): Focused on improved deployment and configuration.

Servlet 3.0 (2009): Added support for annotations, asynchronous processing, and simplified configuration.

Servlet 4.0 (2017): Introduced support for HTTP/2 and improved performance and scalability.

**2. Types of servlets: Generic and HTTP servlets:-**

**Generic Servlets:**

* A Generic Servlet is a general-purpose servlet that can handle any type of request (e.g., HTTP, FTP, etc.).
* It is part of the javax.servlet package and provides methods like service() to process requests.

**HTTP Servlets:**

* An HTTP Servlet is a specific type of servlet designed to handle HTTP requests.
* It extends the HttpServlet class and provides methods like doGet() and doPost() to handle GET and POST HTTP requests.