Q -(1). Please break down the URLs listed below. (list-out Protocol, Domain, TLD) .

<https://www.flipkart.com/>

<https://www.irctc.co.in/>

<https://www.allegro.pl/>

<https://www.johnlewispartnership.co.uk/>

<https://www.uidai.gov.in/>

Answer:

1. <https://www.flipkart.com/>

* protocol: https
* domain: flipkart
* TLD: .com/

1. <https://www.irctc.co.in/>

* protocol: https
* domain: irctc
* TLD: .co.in

1. <https://www.allegro.pl/>

* protocol: https
* domain: allegro
* TLD: .pl

1. <https://www.johnlewispartnership.co.uk/>

* protocol: https
* domain: johnlewispartnership
* TLD: .co.uk

1. <https://www.uidai.gov.in/>

* protocol: https
* domain: uidai
* TLD: .gov.in

Q-(2). What is HTTPS/SSL Update?

Answer:

“HTTPS/SSL Updates” usually refer to improvement or changes related to the security of websites.

WHAT IS HTTPS?

* HTTPS stands for Hypertext Transfer Protocol Secure.
* It’s the secure version of HTTP, the protocol used for communication between your browser and a wbsite.
* The “s” means the connection is encrypted using SSL/TLS, protecting your data from being intercepted or tampered with.

WHAT IS SSL?

* SSL stands for Secure Socket Layer – a now outdated protocol for encrypting data.
* It’s been mostly replaced by TLS (Transport Layer Security), but people still commonly say “SSL”.
* SSL/TLS ensure that data between your browser and a server is encrypted and authenticated.

WHAT ARE HTTPS/SSL UPDATES?

* Security Patches or Upgrades to the SSL/TLS protocol.
* Renewing or replacing SSL:
* Certificates, which are issued by a certificate Authority(CA) to prove a site’s identity.
* Browser updates that enforce stricter SSL rules or warn users about insecure connections
* Site-wide HTTPS migrations- when a website upgrades from HTTP to HTTPS.

Q- (3). List out 10 famous browsers used worldwide.

1. Goggle chrome:

The most widely used browser globally, known for speed and extensive extensions.

1. Mozilla Firefox:

Popular for privacy features and customization.

1. Apple Safari:

Default browser on apple devices; optimized for macOS and Ios.

1. Microsoft edge:

Built on chromium; comes pre-installed on windows devices.

1. Opera:

Known for its built-in VPN, ad blocker, and battery saver.

1. Brave:

Focuses on privacy, blocks ads and trackers by default.

1. Vivaldi:

Highly customizable with advanced features for power users.

1. Tor browser:

Based on Firefox, used for anonymous web browsing via the Tor network.

1. Samsung internet:

Default browser on Samsung smartphones; based on chromium.

1. UC browser:

Popular in some Asian markets, especially on mobile devices.