

# MODULE- 1

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

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

- https:// - protocol(hyperText transfer)
- www. - subdomain
- flipkart. - domain(name)
- .com - top level domain(TLD)

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

- https:// - protocol(hyperText transfer)
- www. - subdomain
- irctc - domain (name)
- .in/ - top level domain(TLD)

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

- https:// - protocol(hyperText transfer)
- www. - subdomain
- allegro - domain (name)
- .pl/ - top level domain(TLD)

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

- https:// - protocol(hyperText transfer)
- www. - subdomain
- johnlewispartnership - domain (name)
- .co - top level domain(TLD)
- .uk/ - top level domain(TLD)

-- <https://www.uidai.gov.in/> ⓘ

- https:// - protocol(hyperText transfer)
- www. - subdomain
- uidai - domain (name)
- gov - top level domain(TLD)
- .in/ - top level domain(TLD)

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Q-2 What is HTTPS/SSL Update?

ANS

- HTTPS/SSL update refers to the implementation of Secure Sockets Layer (SSL) or its -successor, Transport Layer Security (TLS), protocols to secure the connection between a web server and a web browser. This update ensures that data exchanged between the server and the browser remains encrypted and secure, protecting it from unauthorized access, interception, or tampering.

-The HTTPS/SSL update is crucial for website security, especially for websites that handle sensitive information such as personal details, credit card numbers, or login credentials. It helps establish trust between the website and its visitors by displaying a padlock icon or a green address bar, indicating that the connection is secure.

-In recent years, major web browsers and search engines have increasingly emphasized the importance of HTTPS encryption. They may flag websites without SSL certificates as insecure or display warnings to users, which can negatively impact the website's credibility and user experience. As a result, many website owners have opted to implement HTTPS/SSL updates to enhance security and ensure compliance with modern web standards.

Q-3 List out 10 famous browsers used worldwide.

ANS

- 1 - google chrome
- 2 - firefox
- 3 - safari
- 4 - microsoft edge
- 5 - opera
- 6 - brave
- 7 - vivaldi
- 8 - UC browser
- 9 - Tor Browser
- 10 - maxthon

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