*Full forms*

WWW (world Wide Web)

HTTP (hypertext transfer protocol)

HTTPS (hypertext transfer protocol secure)

MIME (multipurpose internet mail extension)

ARPANET (advanced research project agency network)

**URL (uniform resource locator)**

**Internet (Tim berners lee)**

<https://www.gmail.com>

**HTTP methods**

1. Get

* ? (Query string) Username = hwrgf & password = erjfgj

(User no data a link ma joy skhe etle a secure nathi)

1. Post (we will use )

**Features of http**

1. Connection less protocol
2. Media independent
3. Stateless

**Messages**

1. Request message

Request line – method path / to / file. Ext http version

Headers – Syntax

A balnkLine

Body – get/path/to/file. Ext /http1.0

(Method) (Http version)

1. Response message

Status line –http version status code

Headers – Syntax

A balnkLine

Fragment

Path

Body

HTTP 1.1 (version) 200 (status code) OK (reason)

<https://www.example.co.uk:443/blog/articale/search?docid=123&hl=en#dayone>

Port no

Query string and parameters

Domain

Protocol

TLD

Subdomainn

Protocol: http, https, ftp (File transfer protocol)

TLD: (.com commercial .org orgnication.co.in commercial for Ind)

Port: 80 - http and 443 – https

1. 200 ok (success)
2. 301 moved permantly (redirection error)
3. 400 bad request (client error)
4. 401 unauthorized (client error)
5. 403 forbidden (client error)
6. 402 payment required(client error)
7. 404 page not found
8. 502 bad gateway (server error)
9. 503 service unavailable (server error)

**Look and feel website**

1. Flexible page layout

Header section

Navigation bar

Index

Sidebar

Main content section

Footer section

1. Fixed page layout

33.33 33.33 33.33

**Concept of effective web design**

1. Simplicity
2. Responsiveness
3. Readability
4. Simple navigation
5. CTA(call to action)
6. Speed
7. Pick up the right image
8. Color

**Simtance of bad design**

1. Confusing layout
2. Lake of functiolty
3. Unattractive and outdated appearance
4. Horizontal scorbar
5. Execive use of side bar sliders and tab on the web side

**Web disine isues**

1. Simplicity
2. Identity
3. Consistency
4. Compartbiliy
5. Display resolution
6. Band width issues

**Desining effective navigation**

1. Add home button
2. Keep it fast
3. Keep it high
4. Consistency
5. Quality not Quantity
6. Leave out the not imp stuf