2. Study and describe following concepts
    1. Hypertext
    2. Hyperlink
    3. HTTP
    4. HTTP status Codes with meaning.

Answer

Hypertext

Hypertext is the text displayed on computer display or other electronic devices with references (hyperlinks) to other text that the reader can immediately access.
Hypertext is one of the underlying concept of world wide web, where web pages are often written in the HyperText Markup Language (HTML).

Hyperlink

In computing, hyperlink, or simply a link, is a reference to data that the user can follow by clicking or tapping.
A hyperlink points to a whole document or to a specific element within a document.
Hypertext is the text with hyperlinks.

HTTP :

The HyperText Transfer Protocol (HTTP) is an application protocol for distributed, collaborative, hypermedia information systems.
HTTP is the foundation of data communication for the World Wide Web, where hypertext documents includes hyperlinks to other resources that the user can easily access, for example by a mouse click.

HTTP Status Codes

(1) 100 - continue

(2) 101 - Switching protocols

(3) 102 - Processing

(4) 103 - Early Hints (RFC 8297)

(5)

(5) 200 - OK.

(6) 201 - Created

(7) 202 - Accepted

(8) 203 - Non-Authoritative information

(9) 204 - No content

(10) 205 - Reset Content

(11) 206 - Partial Content

(12) 207 - multi-status

(13) 208 - Already reported.

(14) 226 - IM used

(15) 300 - multiple choices

(16) 301 - moved Permanently

(17) 302 - found

(18) 303 - See other

(19) 304 - Not modified

(20) 305 - Use Proxy

(21) 306 - Switch proxy

(22) 307 - Temporary redirect

(23) 308 - Permanent Redirect

(24)

(24) 400 - Bad Request

(25) 401 - Unauthorized

(26) 402 - Payment required

(27) 403 - Forbidden.

(28) 404 - Not found
(29) 405 - Method Not Allowed
(30) 406 - Not acceptable
(31) 407 - Proxy Authenticatⁿ required
(33) 408 - Request Timeout
(34) 409 - Conflict
(35) 410 - Gone
(36) 411 - Length required
(37) 412 - Precondition failed
(88) 413 - Payload too large
(39) 414 - URL too large
(40) 415 - Unsupported media Type
(41) 416 - Range Not Satisfiable

(42) 500 - Internal Server Error
(43) 501 - Not Implemented
(44) 502 - Bad Gateway
(45) 503 - Service Unavailable
(46) 504 - Gateway timeout
(47) 505 - HTTP version not supported