Q. Study & distinguish the following concepts in your words.
① Client server architecture, internet & world wide web.
② Web browser & web server.

1. ①

Client server Architecture	Internet	World wide web
① It is the medium through which clients access the resources & services from a computer, via LAN/WAN	The internet is a vast network that connects computers all over in world	It is also known as web & is a collection of websites or web pages stored in web servers.
② Network services:- e-mail, file sharing, printing & other www	Through internet people can share information to communicate from anywhere with an internet connection	Over the internet using their devices such as computers, laptops, cell phones etc.

2.

Web Browser	Web server
① Web browser is an application program that displays a world wide web document & usually use the internet service to access the document	It is a program on the computer that provide service to other programs called as client
② It request the server for web document & services.	The web server accept, approve & respond to request made

③ It sends a HTTP request & gets an HTTP response	The web server gets HTTP request & sends HTTP respo
④ Doesn't exist any processing model for the web browser.	There exist three types of processing models for web server i.e. process based, thread based & hybrid.

Q. Study & describe following concepts in your words:
① Hypertext ② Hyperlink ③ HTTP ④ HTTP status

① Hypertext :
   Hypertext is a text displayed on a computer display or other electronic devices with references to other text that the reader can immediately access. It's documents are interconnected by hyperlinks, which are typically activated by a mouse click, key press or screen touch. is also sometimes used to describe tables, images & other presentational content formats with integrated hypertext

② Hyperlinks :
   A hyperlink is an element, e an HTML document that links to either another portion of document that links on webpages, hyperlinks are usually colored purple / blue or sometimes underlined. A hyperlinked can be thought of as an interface that links a vs a target; clicking the hyperlink at the source will navigate to target.
   Text, Images, URL's, controls.

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③ HTTP :-

A hypertext transfer protocol is an application for distributed, collaborative, user to communicate data on WWW. HTTP was invented alongside HTML to create fast, interactive, text-based web server browser, the original WWW protocol remain of using internet.

④ HTTP status codes with Meaning :-

HTTP defines these standard status codes that can be used to convey the result of a client's req. The status codes are divided into 5 categories

① 1xx :- Informational :- Communicates transfer-protocol level information

② 2xx :- Success :- Indicates that the client request was accepted successfully.

③ 3xx :- Redirection :- Indicates that the client must take some additional action in order to compute their request.

④ 4xx :- Client Error :- This category or error status codes provides the finger at clients.

⑤ 5xx :- Server Error :- The server takes responsibility for these error status codes.