**IT116: Web Fundamentals**

1. Clients are devices that request and render web content, web browsers, mobile apps, screen readers etc.
2. It goes to the DNS first to resolve the domain name which will point it to the IP address of the requested server
3. False
4. The DNS allows us to use aliases for IP addresses called domain names. The hosting company registers your domain name with the DNS but if the site is not registered with the DNS properly the site will be inaccessible. Ownership of the site needs to be assigned correctly, as hosting companies won’t change anything without consent of the owner. Also because of DNS caching when changing hosting companies you need to be aware that many people’s local dns cache will still point them to the old site for a day or so.
5. The application layer
6. The HTTP request is discarded by both server and client, persistent data must be stored through other means
7. To create a clear separation between the different services a server may hosting, ftp,www,video,etc.
8. Blink is based on WebKit and used to power chrome
9. Standards are important to make it easier to provide a consistent web experience across all client devices regardless of browser choice.
10. OS: linus, WEBSERVER: apache, DB:mysql, P:PHP/Perl
11. You need a host that has a stack compatible with your site, depending on the tools used to develop it