Quiz 1 – Web Systems

1. Where are configuration files normally stored for a Unix system?
   - /var
   - **/etc**
   - /home
   - /tmp
   - ~

2. What does the Kernel do in an operating system?
   - Controls the shell
   - Controls the user interface
   - **Controls the hardware directly**
   - Controls the applications
   - Controls the services

3. How is a partition different form a directory?
   - Directories are physical divisions on a disk
   - **Partitions are physical divisions on a disk**
   - Partitions may contain directories
   - None of these are correct
   - Directories may contain partitions

4. Which of the following "Big O" notation has the HIGHEST cost? (e.g. number of accesses required to read a files blocks)
   - $O(1)$
   - **$O(n^2)$**
   - $O(n)$
   - $O(\log_{(n)})$

5. What is the main issue with Symmetric Key cryptography?
   - **Secret key needs to be secret and exchange between the 2 parties**
   - Private key needs to be secret and exchange between the 2 parties
   - Public key needs to be secret and exchange between the 2 parties
   - Certificates needs to be signed by a shared 3rd party certification authority
   - Public and private keys need to be signed by a shared 3rd party certification authority

6. Which type of security attack would it be if I were to interrupt your login to UTS online?
   - Access control attack
   - Availability attack
   - Authenticity attack
   - **Confidentiality attack**
   - Integrity attack

7. What is the best tag for pre-formatted text?
   - xmp

- code
- blockquote
- p align ="preformatted"
- **<u>pre</u>**

8. Which of the following best represents the color RED in HTML?
   - #00F
   - #0F0
   - #00FF00
   - **<u>#FF0000</u>**
   - #0000FF
   - #F00

9. What does the background CSS property do?
   - Sets the background image
   - Sets the pages background properties in one declaration
   - Sets the background color
   - **<u>Sets the elements background properties in one declaration</u>**

10. How would do display hyperlinks without an underline using CSS?
    - a {underline: none;}
    - a {text-decoration: no-underline;}
    - a {text-style: none;}
    - a {text-style: no- underline;}
    - **<u>a {text-decoration: none;}</u>**