

Q2 (a) Write short notes on any FOUR of the following:

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| (i) open function | (ii) create function |
| (iii) close function | (iv) lseek function |
| (v) read function | (vi) write function |

Answer Page Number 60 to 68 of Text Book

Q3 (a) Explain any five types of files used in UNIX system.

Answer Page Number 86 of Text Book

Q3 (b) Explain the following functions:

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|--------------|-------------|
| (i) chown | (ii) fchown |
| (iii) lchown | |

Answer Page Number 102 of Text Book

Q4 (a) Explain shadow Passwords. Where are shadow passwords used.

Answer Page Number 165 of Text Book

Q4 (b) Write a short note on login accounting.

Answer Page Number 170 of Text Book

Q5 Explain in detail various types of network logins.

Answer Page Number 266 of Text Book

Q6 (b) Write short note on

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| (i) Unreliable signals. |
| (ii) Interrupted system calls. |

Answer Page Number 301-303 of Text Book

Q7 (a) With the help of pictorial representation, explain the concept of terminal line discipline.

Answer Page Number 633 of Textbook

Q7 (b) Write the coding rules of Daemon Processes.

Answer Page Number 425 of Text Book

Q7 (c) Write short notes on Error Logging.

Answer Page Number 428 of Text Book

Q8 (a) Explain popen and pclose functions.

Answer Page Number 503 of Text Book

Q9 (b) Differentiate between following functions giving related syntax:

- (i) fork and vfork**
- (ii) wait3 and wait4**

Answer Page Number 255-256 of Textbook

Text Book

Advanced Programming in the UNIX Environment, W. Richards Stevens, Pearson Education, 2004.