BSCDS035 - Operating System & Information Security

P. Pages : 1

Time : Two Hours

7433

GUG/W/24/16143

Max. Marks : 40

Either:

1. A) Explain various operating system functions. 4

   B) Describe various types of operating system with example. 4

   OR

   C) Explain Time sharing system with example. 4

   D) Explain various types of scheduling algorithm with example. 4

   Either:

2. A) Describe virtual memory in details. 4

   B) Differentiate between paging and segmentation with example. 4

   OR

   C) Explain Internal access Authorization in operating system. 4

   D) Explain policy mechanism in operating system management. 4

   Either:

3. A) Explain elementary cryptography with example. 4

   B) Explain various encryption algorithm. 4

   OR

   C) Explain various uses of Encryption. 4

   D) Describe AES Encryption Algorithm. 4

   Either:

4. A) Describe Database Security with example. 4

   B) Explain multilevel database with example. 4

   OR

   C) Explain various Threats in network. 4

   D) Explain various Ethical issues in computer security. 4

5. Solve all questions.

   A) Explain Deadlock with example. 2

   B) Describe Device Management. 2

   C) Write a note on Non-malicious program errors. 2

   D) Explain various issues of software failures. 2

****