Quiz 7
Operating Systems and Networks
IIIT Hyderabad
Time: 30 minutes; Max. Marks: 24

Note: Give a brief and correct answer. **Mention your name and roll number on the answer sheet.**
Answer the question after writing the FIRST 10 WORDS OF THE QUESTION ALONG WITH THE
QUESTON NUMBER in the answer sheet.

1. How "RAID Level 3" and "RAID Level 4"   improve reliability and disk throughput ? What are the
    advantages of each option ? [6]

2. Why do we want the files and devices to have a unified interface ? [6]

3. Briefly explain the importance of "quality of service" and "admission control". [3]

4. Identify whether the following statements are TRUE or FALSE. If the statement is FALSE, correct it
    and justify the corrected sentence. If the statement is TRUE, justify it. Restrict the justification to few
    (less than five) sentences. "In UNIX, system administrator (root) can know the passwords of users".
    [3]

5. Briefly explain the following consistency semantics with positive and negative points. (i) UNIX
    semantics (ii) session semantics. [6]