

CSE 313

July 2021

CT 3

Date: 25 January, 2022

Time: 20 mins + 10 mins for upload

1. Mr. X has just formatted the C drive of his Windows PC to FAT32 format. The size of C drive is 120 GB and block size is 4 kB. How much space in main memory needs to be occupied all the time to make the C drive work? **(6 marks)**
2. What are the advantages of i-node over linked list allocation of files? **(5 marks)**
3. Why do we need file system? **(5 marks)**
4. How does symbolic linking work? **(4 marks)**