

Unit-II

2. (a) What is system security? Explain its problems. 8
(b) What is RAID system? Explain in detail. 8
- Or
2. (a) Why Firewalls are used to protect system and network? Explain. 8
(b) How cryptography is used as security tool? Explain. 8

Unit-III

3. (a) What is Linux OS? Explain its advantages. 8
(b) What are caches? Explain linux pagecache. 8
- Or
3. (a) What are partitions and mount points? Discuss in detail. 8
(b) Explain the following .
(i) Virtual memory.
(ii) Demand paging. [4+4=8]

Unit-IV

4. (a) What is Window Operating. Explain its Design principles. 8
(b) What is window registry? Explain in detail. 8
- Or
4. (a) Give the complete overview of multiprocessor operating system. 8
(b) Write short notes on :
(i) Recovery.
(ii) Volume management and fault tolerance. 4+4=8