Time: 2 hr   Marks: 40

Question no 1 is compulsory.

Attempt any three out of remaining

Assumptions are made wherever necessary

All questions   carry 10 marks

Q1.   (10 marks)

   a.   List out characteristics of OS.

   b.   Define context switching and explain.

Q2   .Explain CPU scheduling algorithms with examples.   (10 marks)

Q3.   Explain the concept of blocking and buffering, file descriptor, directory structure in file organization of file
      management.   (10 marks)

.Q4   .Explain Linux OS with their characteristic.   (10 marks)

Q5.   Compare three static memory management algorithms   (10 marks)

Q6.   Write short note on   (10 marks)

   a. Segmentation

   b.Paging

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