Time : Three Hours]   [Maximum Marks : 100

[Minimum Pass Marks : 33

नोट : सभी प्रश्नों के उत्तर दीजिए। प्रश्नों के अंक समान हैं।

Note : Answer all questions. All Questions carry equal marks.

1.   Write short answer of the following-
     a) How many parts are there in operating system Write name only.
     b) What is system call.
     c) What is turn around time.
     d) What is belady anomaly.
     e) What is swapping in memory management.
     f) Define physical address.
     g) What is dedicated device.
     h) Draw the disk structure.
     i) What is FIS.
     j) Define File.

2.   Explain the functions of operating system.

                         अथवा / or
     What do you mean by process model? explain.

3.   What do you mean by CPU scheduling? explain any two scheduling algorithm with
     example.

                         अथवा / or
     Explain the concept of process synchronization.

4.   Explain virtual memory?

                         अथवा / or
     What is paging? explain any two-page replacement algorithms with example.

5.   Write short notes on device and storage management.

                         अथवा / or
     Explain disk Scheduling and its algorithms.

6.   Explain logical and physical file systems?

                         अथवा / or
     Write short notes on file access method and file protection.

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