

2015

Time : 3 hours

Full Marks : 100

Pass Marks : 40

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

*Answer any **five** questions.*

1. ✓ Describe Operating System. Explain various types of Operating System.
2. Explain Distributed OS and Network OS.
3. Explain the basic services / functions of an Operating System.
4. What are the major differences between Multi-user OS and Single-user OS ?
5. What is Semaphores and Deadlock in the context of OS ?

TB – 1/2

(Turn over)

6. Explain Process Management in detail
7. What is CPU scheduling ? Explain any one method of CPU scheduling.
8. Write short notes on the following :
 - (a) LIFO
 - (b) SJF
9. Write the functions of the following DOS commands :
DIR / P, REN, DIR / S, FORMAT, TREE, DATE.
10. Explain Demand Paging or FAT.



(11)

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2017

Time : 3 hours

Full Marks : 100

Pass Marks : 40

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

Answer any five questions.

1. Define Operating System. Explain the types of Operating System.
2. Differentiate between Distributed OS and Network OS.
3. What are the basic services (Functions) of an Operating System ?
4. What are the major differences between Multi-user OS and Single-user OS ?

GC - 6/1

(Turn over)

5. What is Semaphores and Deadlock in the context of OS ?
6. Explain Process Management in detail.
7. What is CPU scheduling ? Explain any one method of CPU scheduling.
8. Write short notes on the following :
 - (a) FIFO
 - (b) SJF
9. Write the functions of the following DOS commands :
 - (a) XCOPY
 - (b) REN
 - (c) DIR/S
 - (d) FORMAT
 - (e) TREE
 - (f) CLS
10. Describe Demand Paging or FAT.



GC – 6/1 (100)

(2)

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