2021
B.A./B.Sc.
Third Semester
CORE – 6
COMPUTER SCIENCE
Course Code: CSC 3.21
(Operating Systems)

PART–B
Total Mark: 30

Answer the following questions.

1. What is an operating system? Explain the functions of an operating system.   1+5=6

2. (a) What is a system call?   1
   (b) What is a kernel? Explain microkernel and monolithic kernel.   1+4=5

3. (a) Write a note on round robin scheduling algorithm.   2
   (b) Explain the various process life cycle.   1+3=4

4. (a) What is logical address space and physical address space?   2
   (b) Write a note on partition allocation.   4

5. What is a file? Explain the operations on a file.   1+5=6

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