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**OPEARTING SYSTEM
2017 TEST**

GROUP-D

1.

- a) What are major functions of an operating system?
- b) What is process?
- c) What do you mean by virtual memory and demand paging?
- d) What is batch processing? State its advantage over serial processing.

6+1+5+2+2

2.

- a) What is compaction?
- b) What are internal and external fragmentations? Discuss the dynamic partitions memory management scheme.
- c) What is paging? Discuss paged segmentation technique.
- d) What is page fault?

1+2+5+2+5+1

3.

- a) Distinguish between multitasking and multiprogramming.
- b) Write down the major functions of long term and short term scheduler.
- c) What do you mean by logical and physical address space?
- d) Write some features of UNIX operating system.

3+4+3+6