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| Which of the following statements about page replacement is not true? |
| |  |  | | --- | --- | | Selected Answer: | a.  When a page is first loaded into the memory, its reference bit is set to 1.  When a page in the memory is referenced again, its reference bit is cleared to 0. | |
| Which of the following is a benefit of virtual memory support? |
| |  |  | | --- | --- | | Selected Answer: | a.  Less I/O is needed to load each user program into memory. | |
| A page fault occurs when |
| |  |  | | --- | --- | | Selected Answer: | b.  a process tries to access a page that is not loaded in memory. | |
| Which of the following page replacement algorithms suffers from Belady’s anomaly? |
| |  |  | | --- | --- | | Selected Answer: | c.  FIFO | |
| Which of the following actions will alleviate thrashing situation? |
| |  |  | | --- | --- | | Selected Answer: | a.  Enlarging memory | |
| Which of the following is a benefit of virtual memory support? |
| |  |  | | --- | --- | | Selected Answer: | a.  Degree of multiprogramming is increased. | |
| On a system with demand-paging, a process will experience a high page fault rate when |
| |  |  | | --- | --- | | Selected Answer: | b.  the number of frames allocated to the process is not enough for its current working set. | |
| Which of the following statement correctly states the Belady’s anomaly? |
| |  |  | | --- | --- | | Selected Answer: | b.  For some page replacement algorithms, the page-fault rate may increase as the number of allocated frames increases. | |