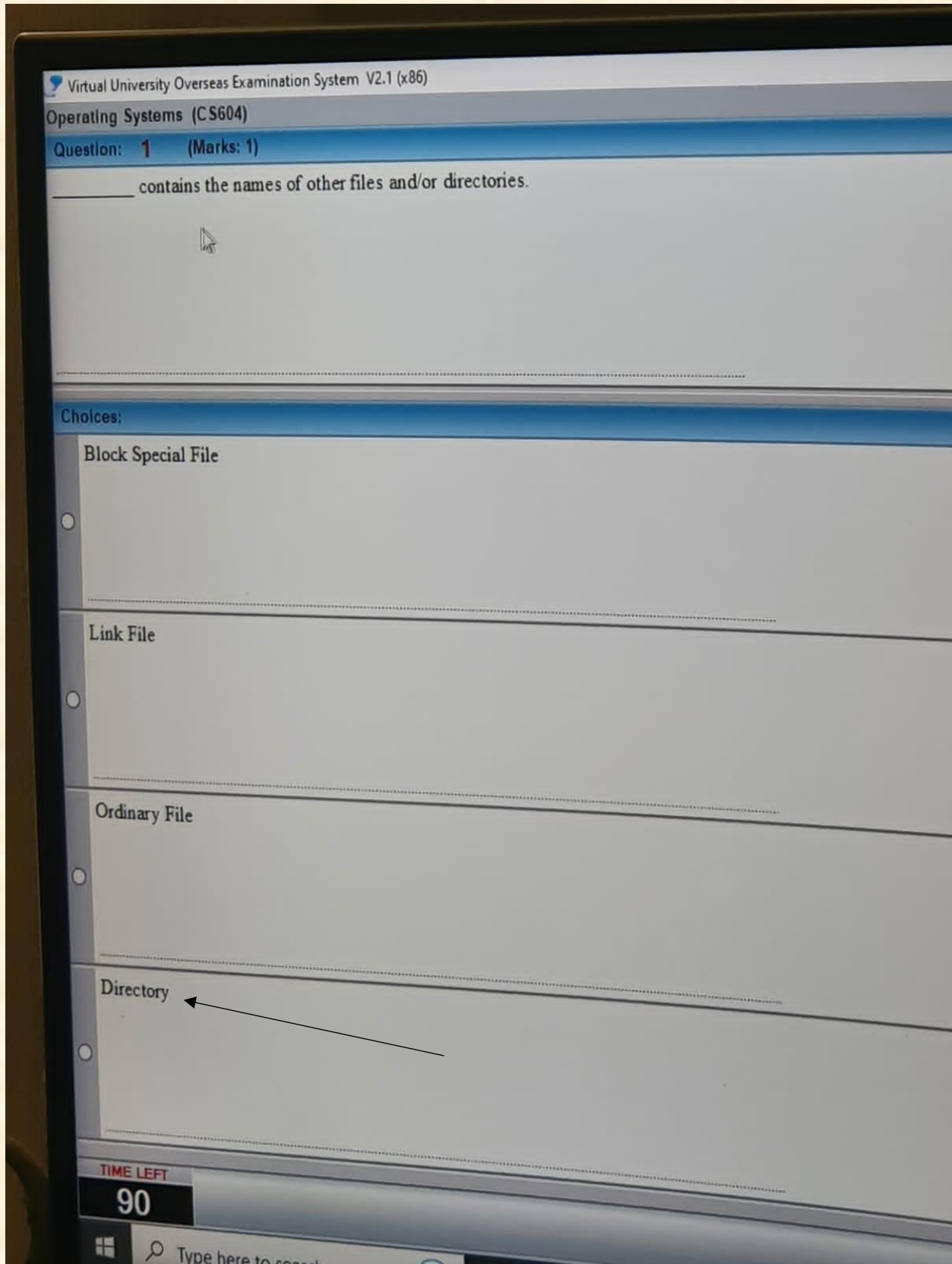
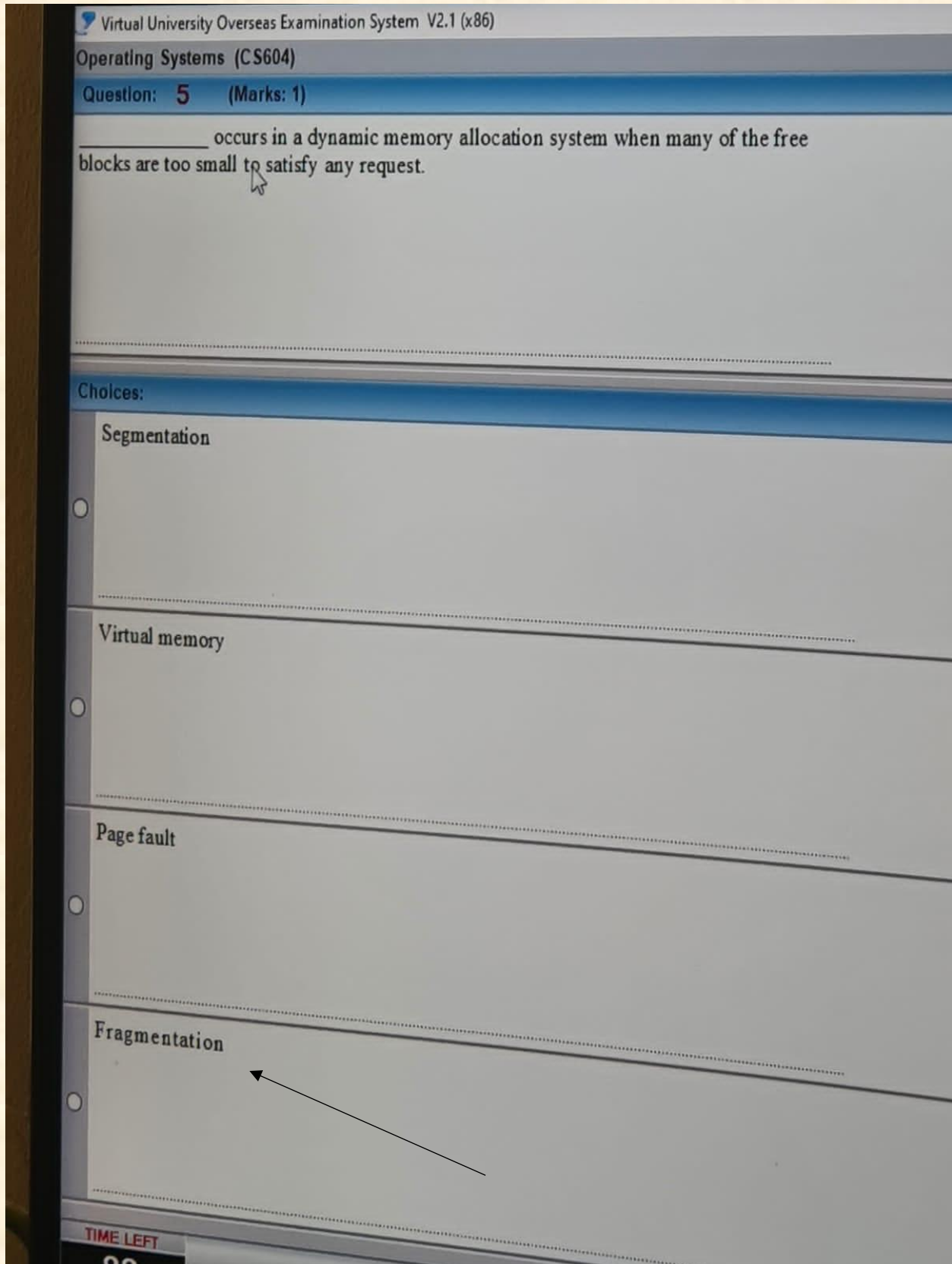


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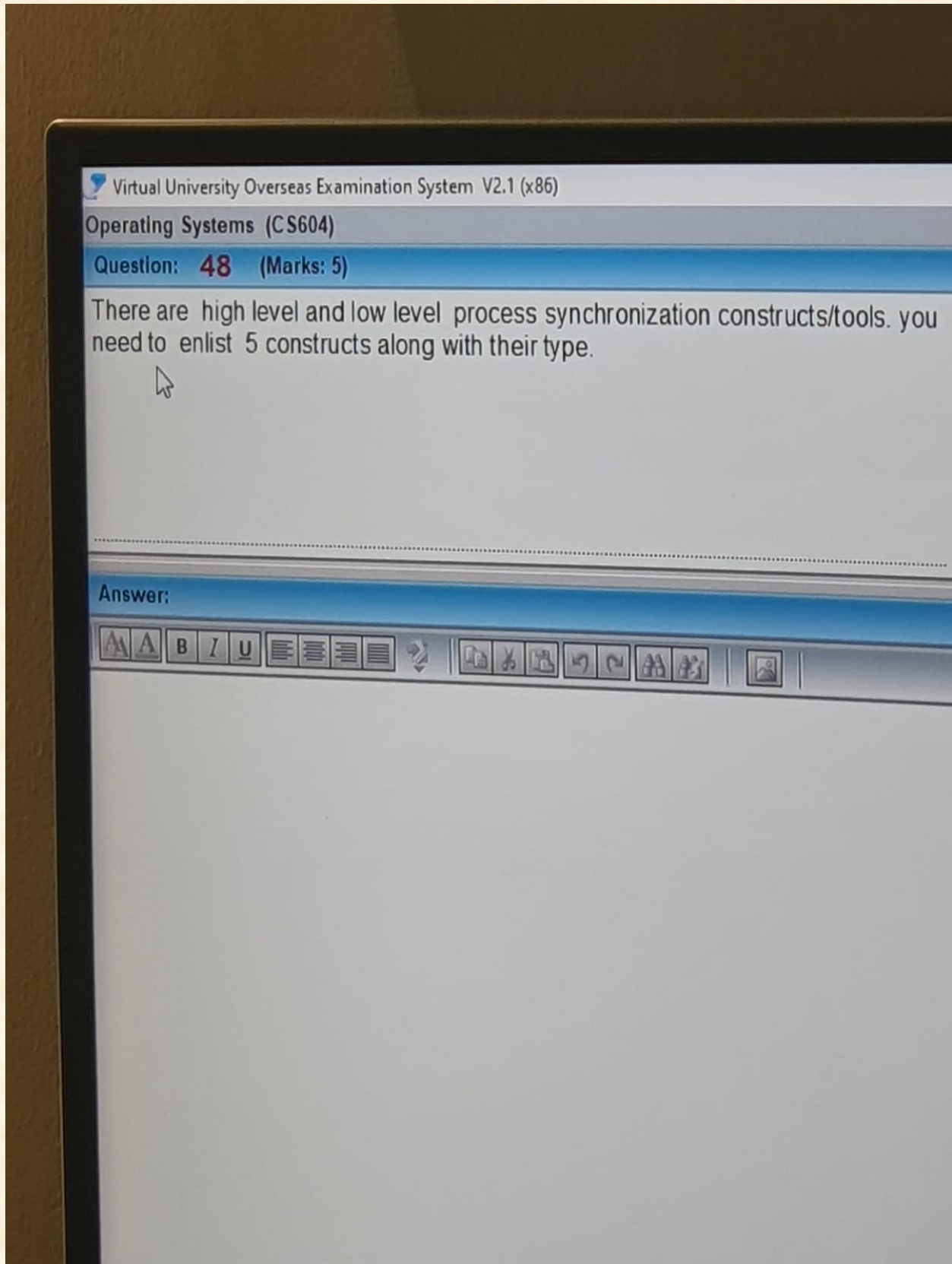
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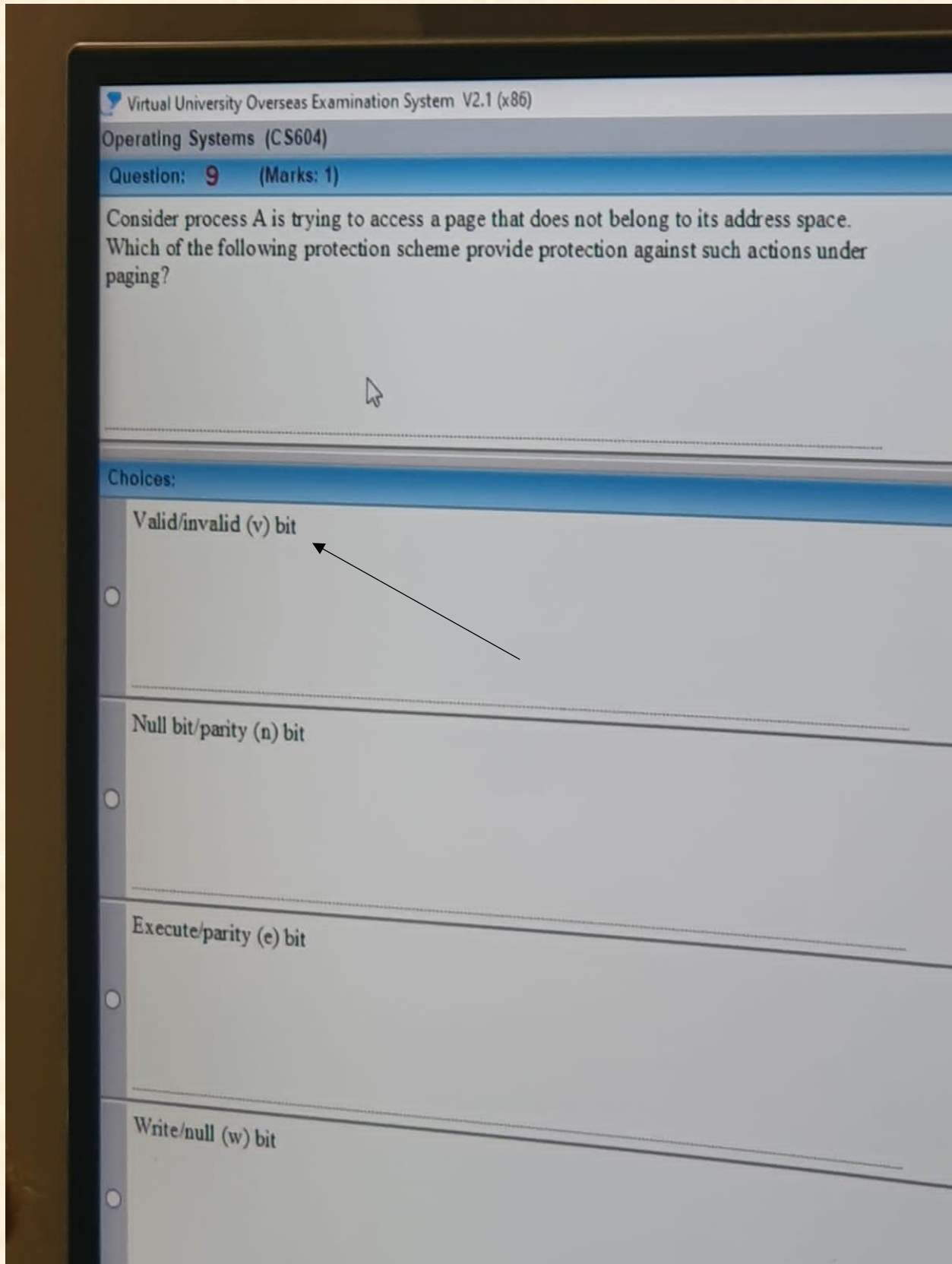
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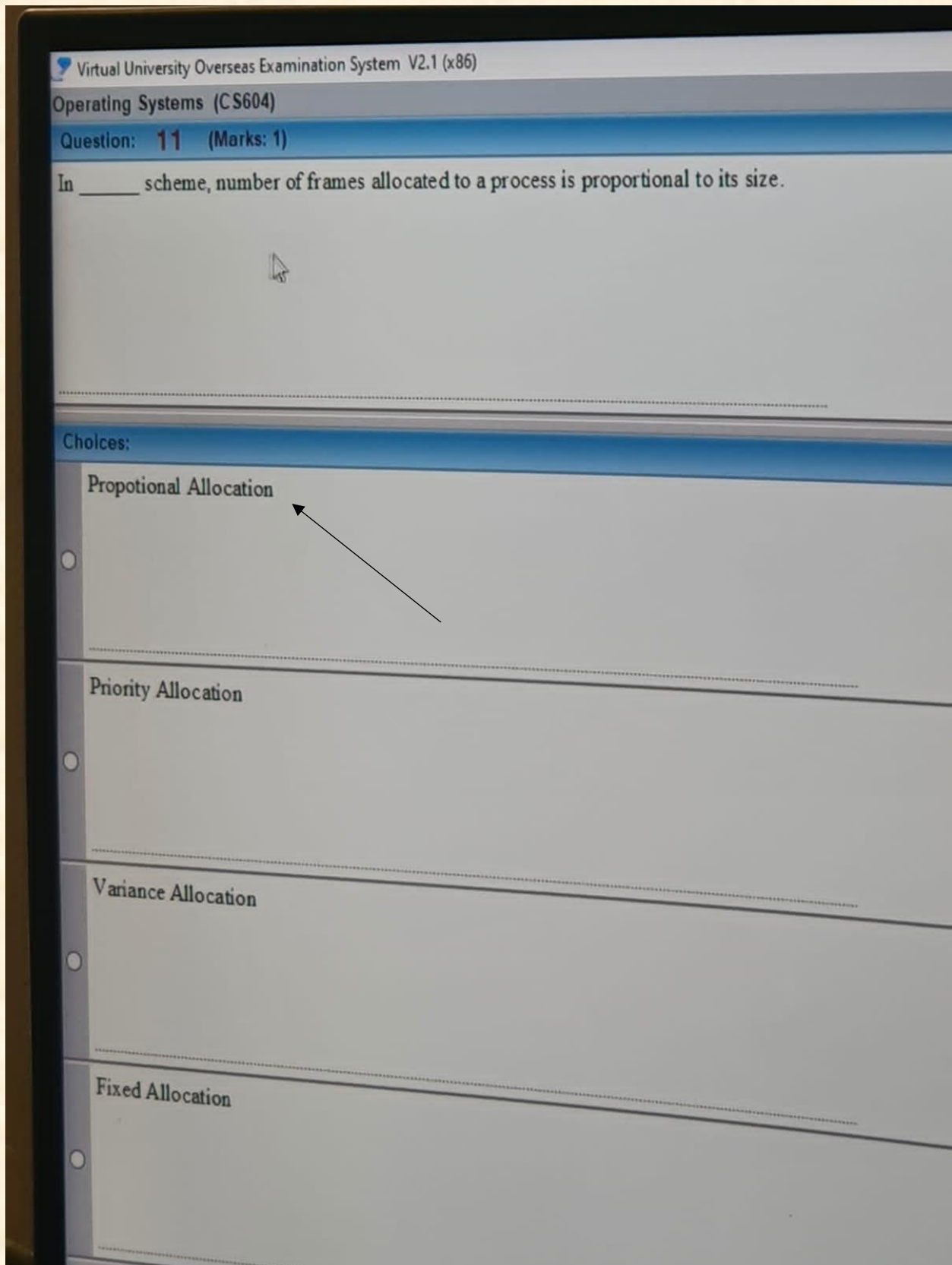
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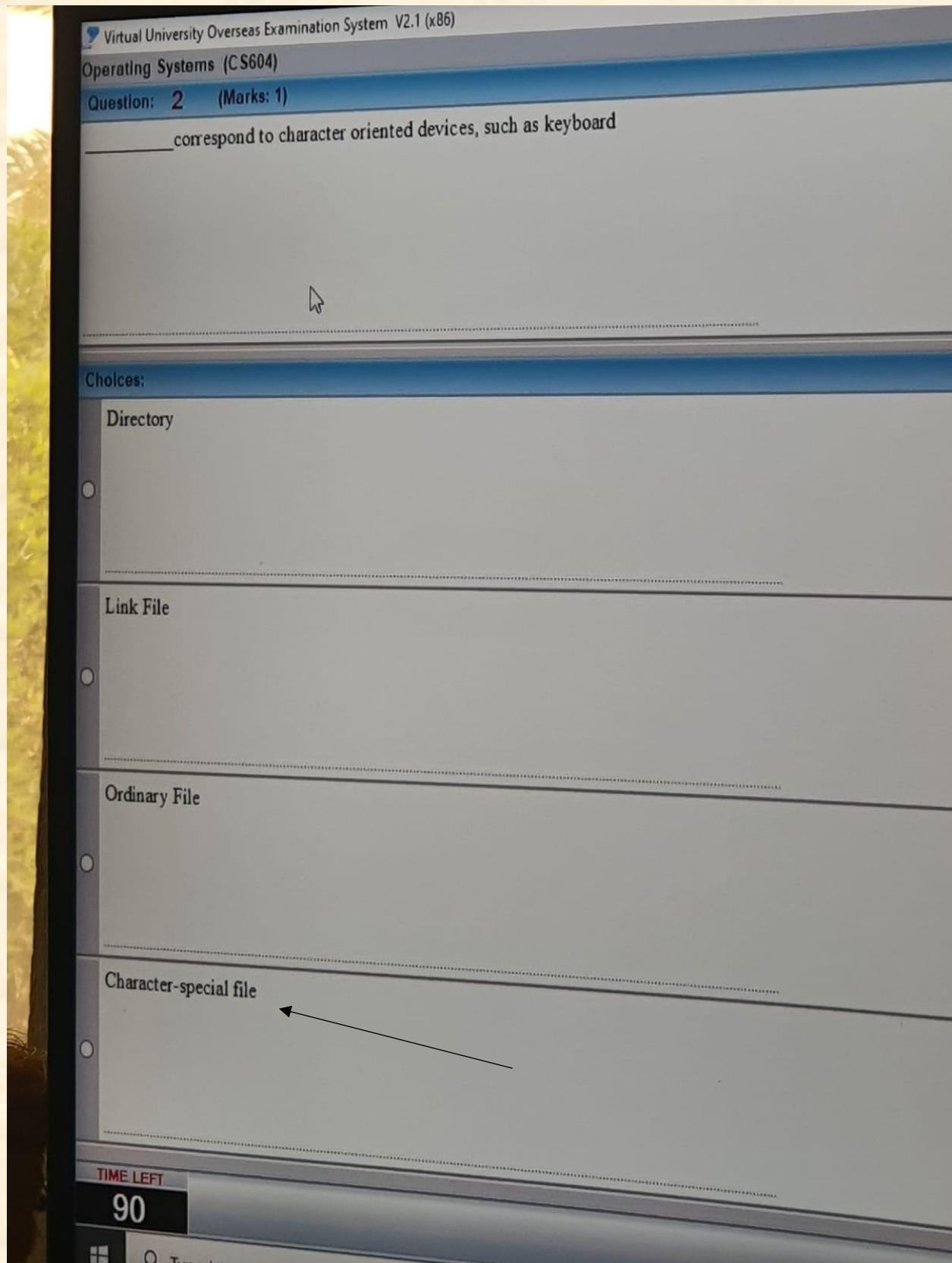
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Virtual University Overseas Examination System V2.1 (x86)

Operating Systems (CS604)

Question: **16** (Marks: 1)

When a process needs to execute, memory is requested by the process. The size of the process is compared with the amount of adjacent memory available to execute the process. This method is called _____.



Choices:

Contiguous Allocation

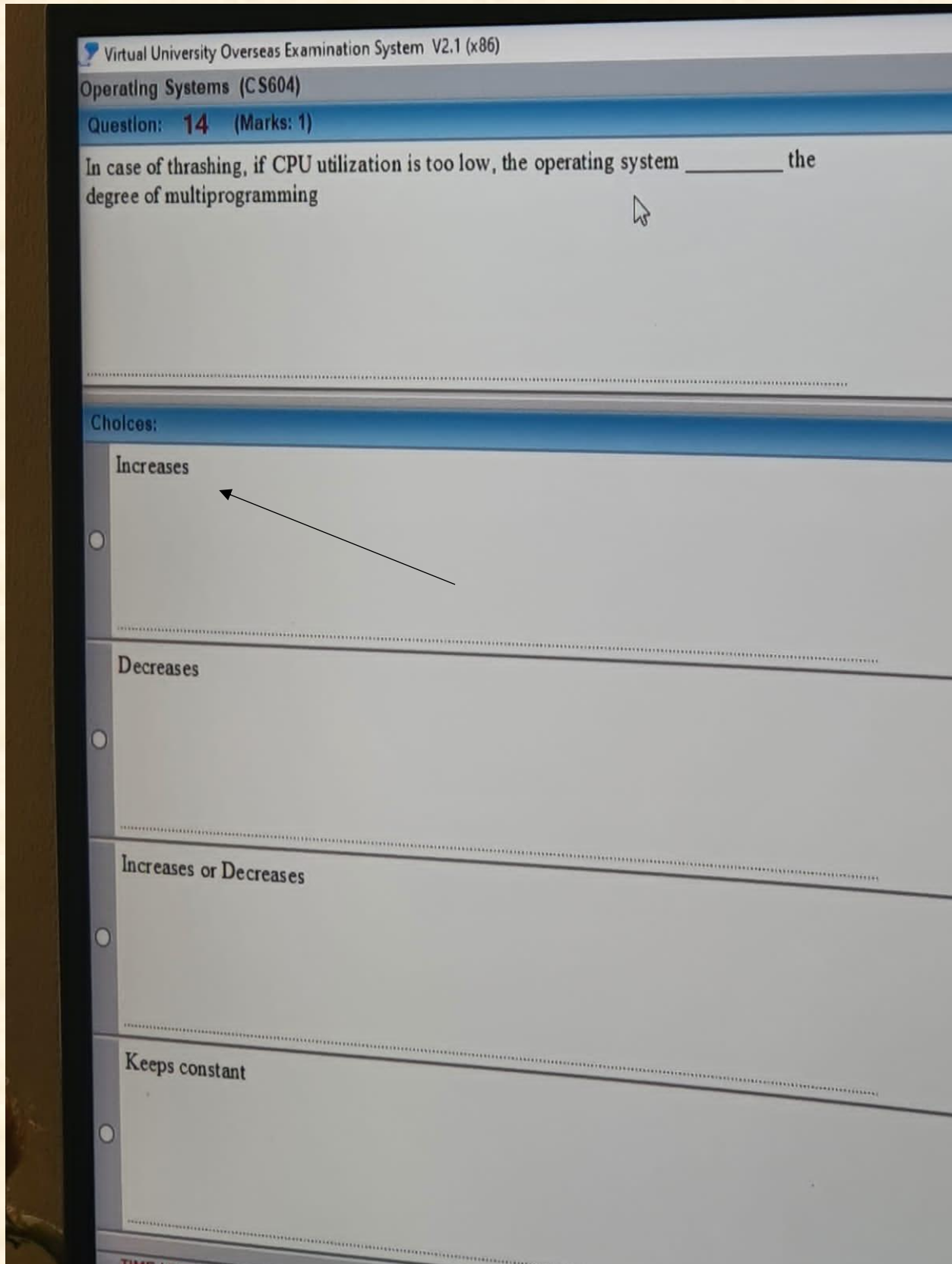
Linked Allocation

Indexed Allocation

Variable Allocation

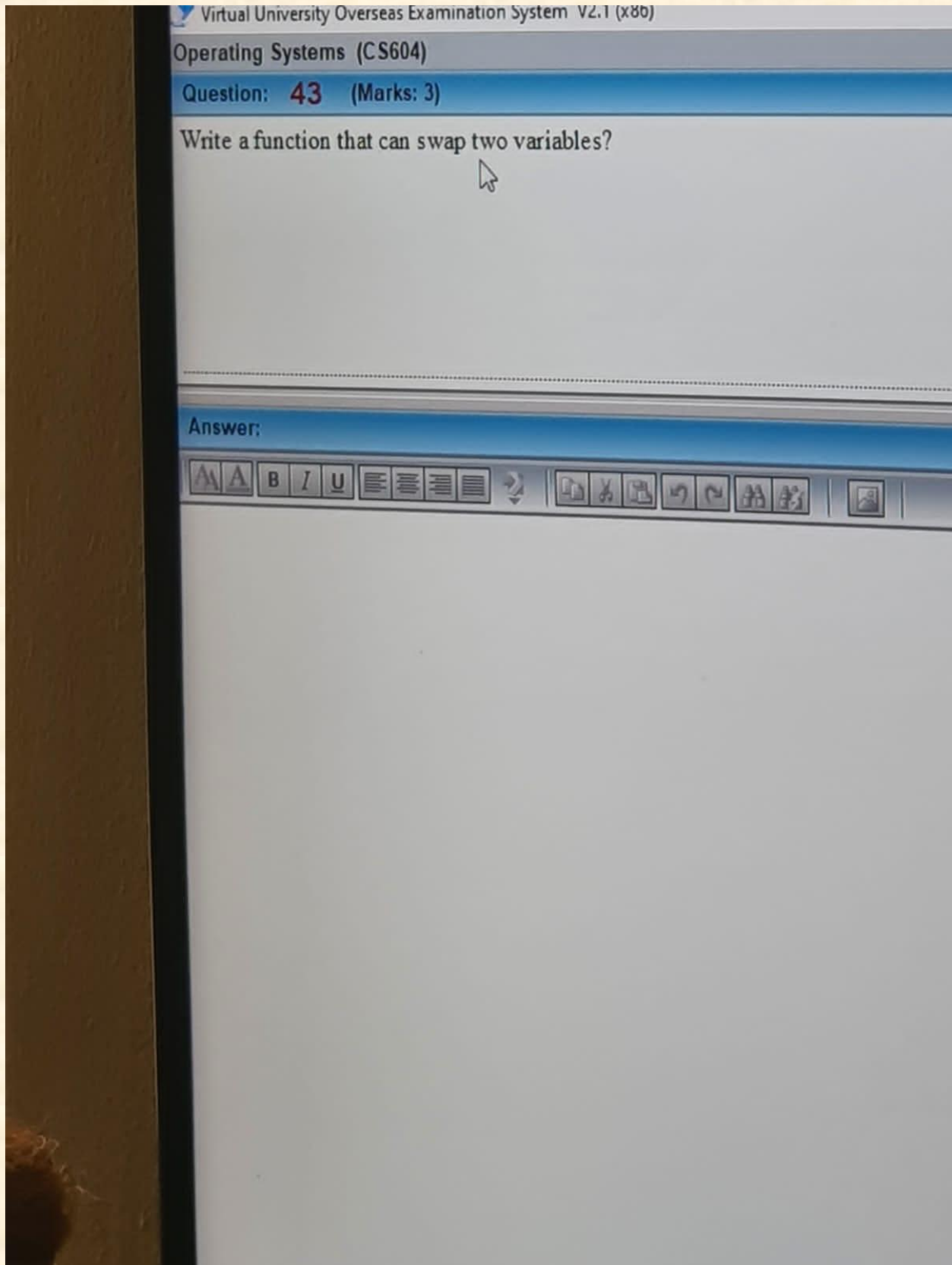
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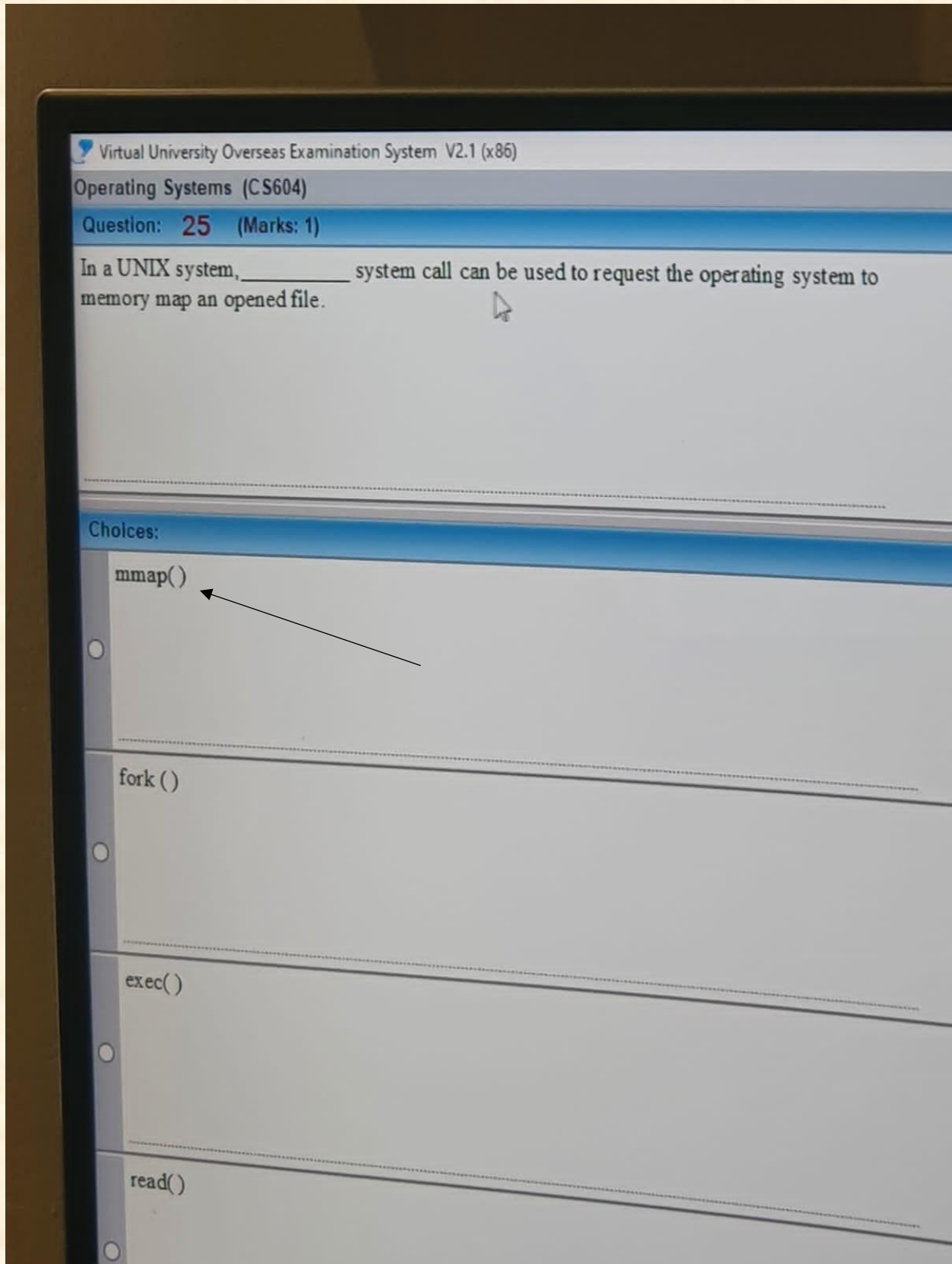
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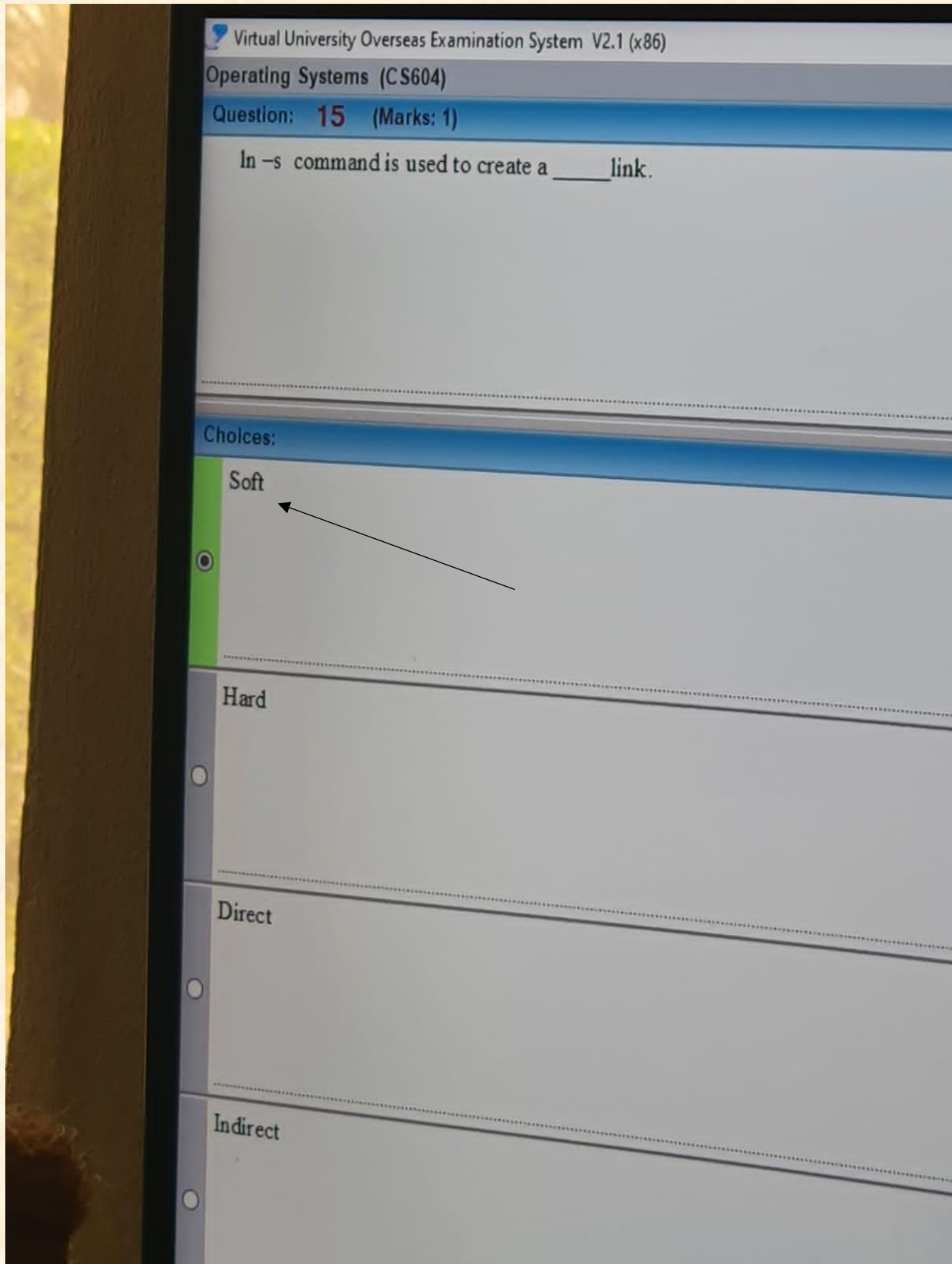
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Virtual University Overseas Examination System V2.1 (x86)

Operating Systems (CS604)

Question: 4 (Marks: 1)

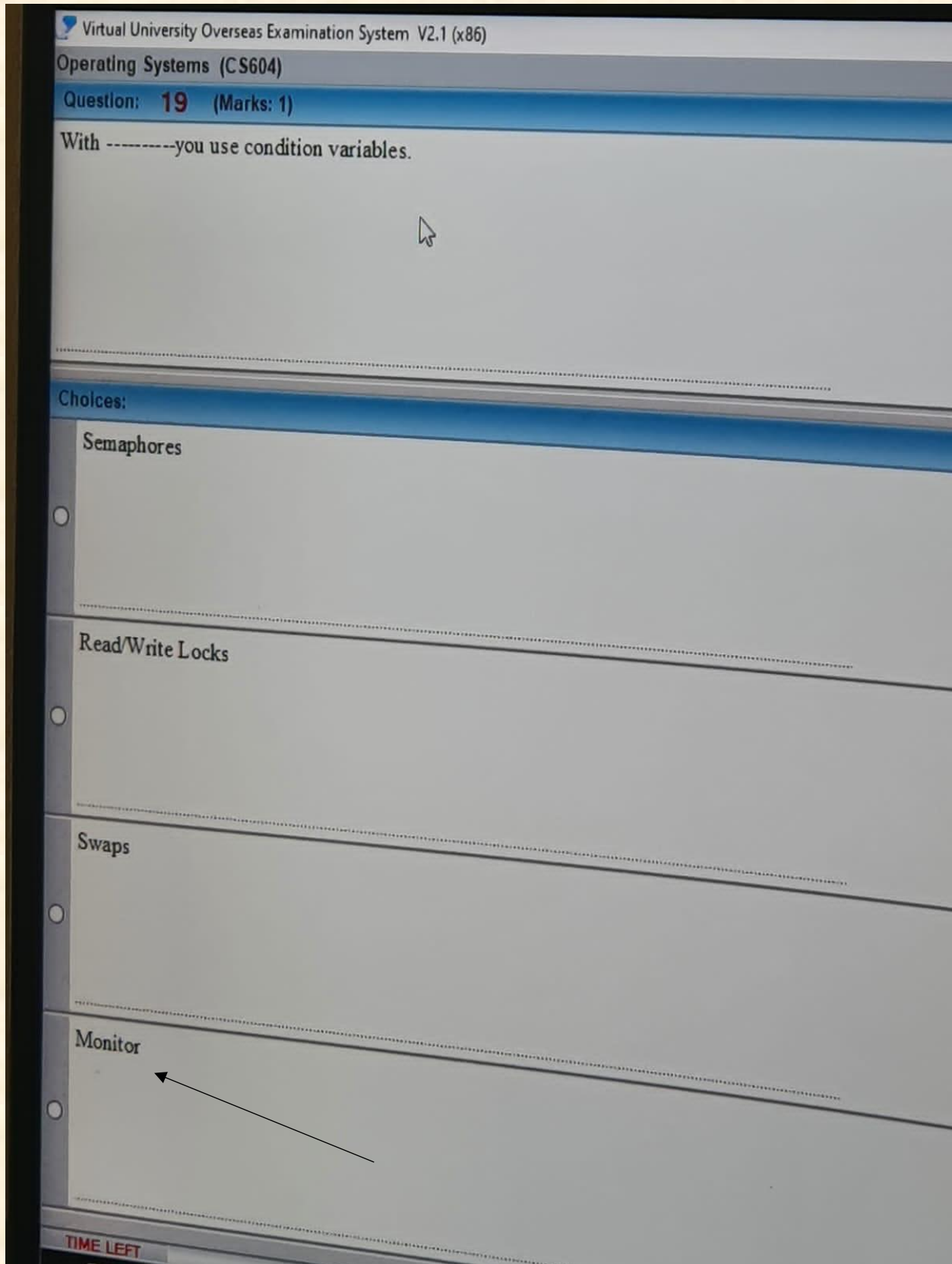
Assume a logical address space of 16 pages of 1024 words, each mapped into a physical memory of 32 frames. Each word consists of 2 bytes. What will be the total number of bits required for f (frames)?

Choices:

- 5
- 6
- 7
- 8

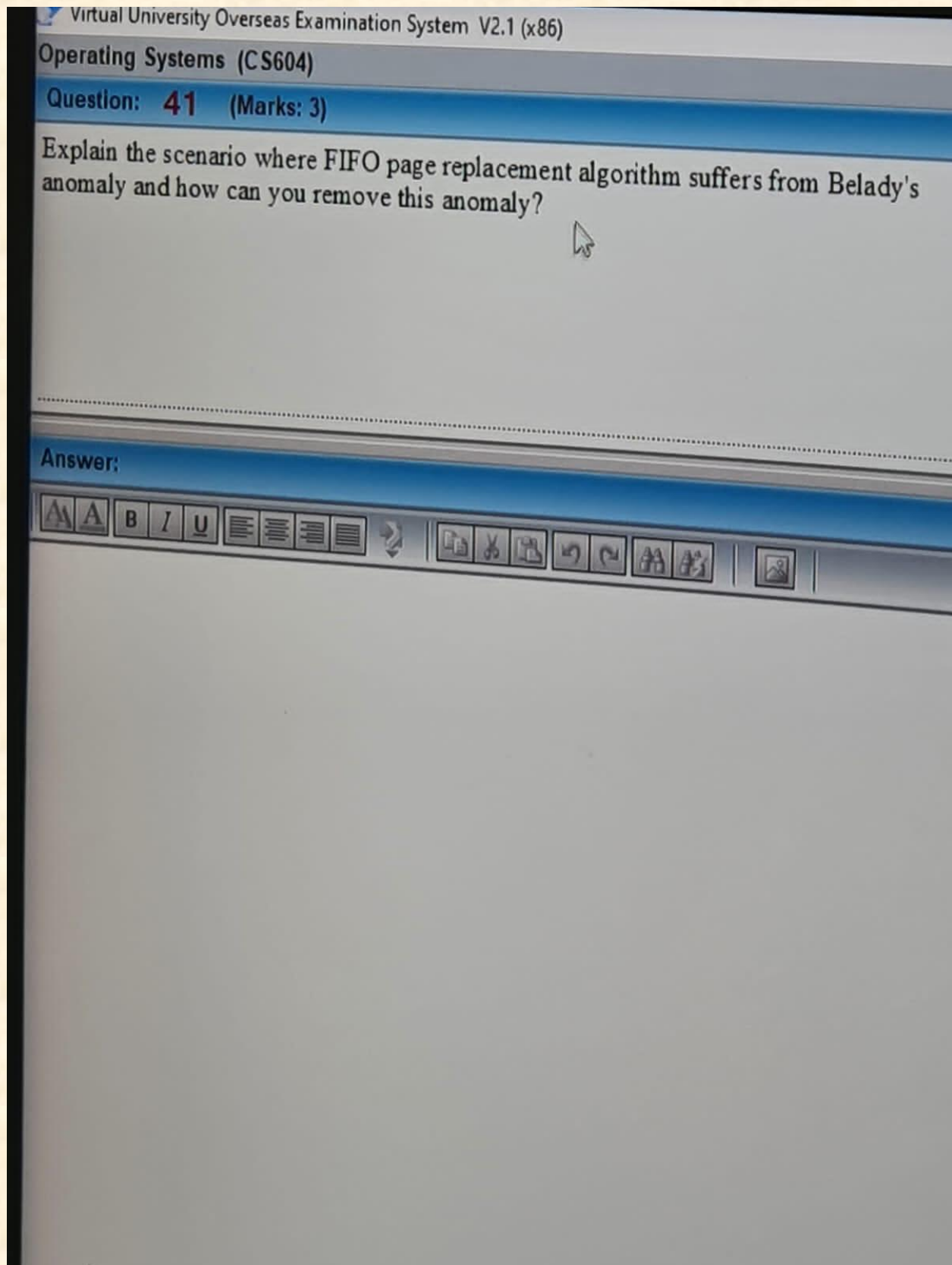
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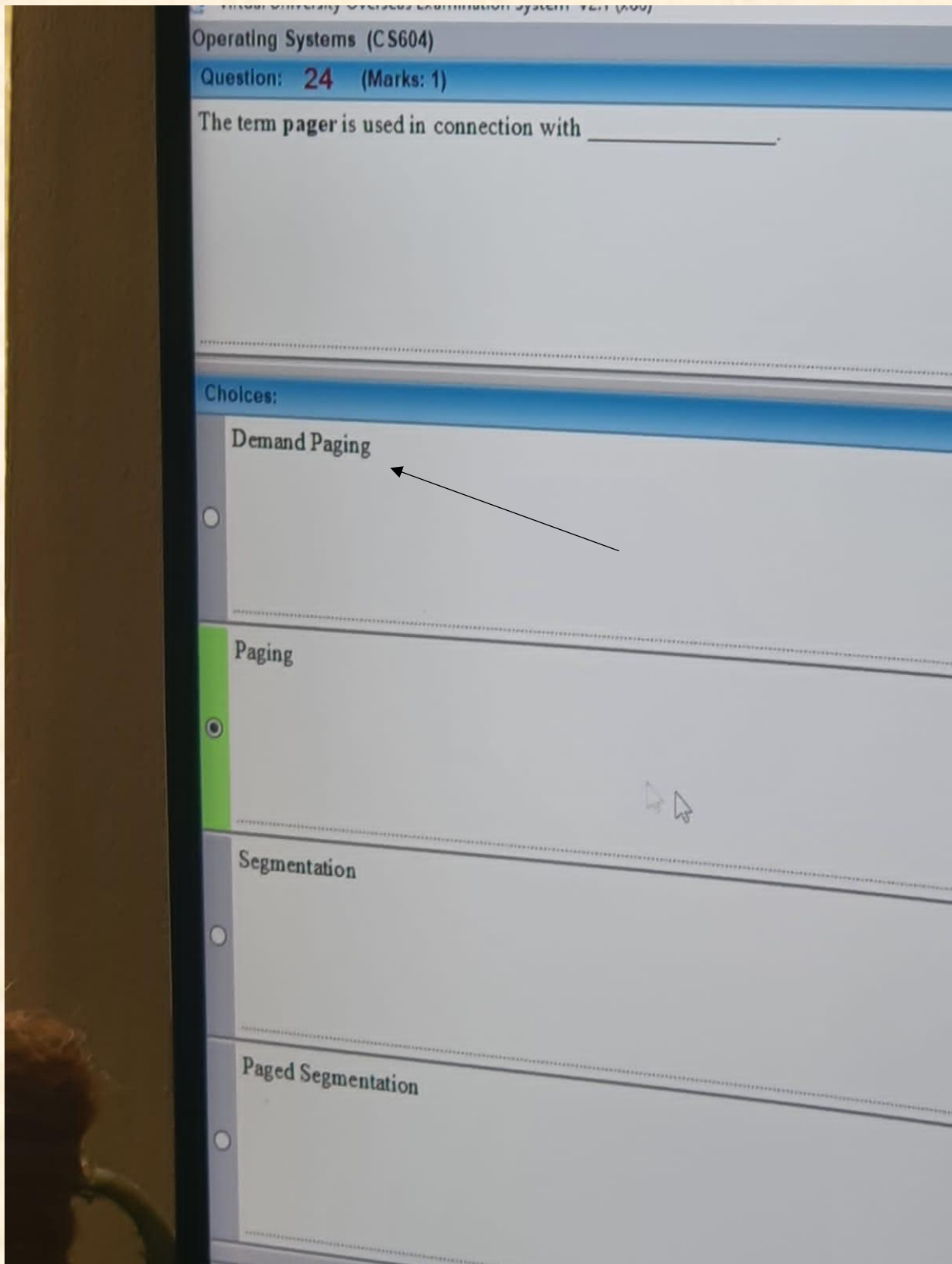
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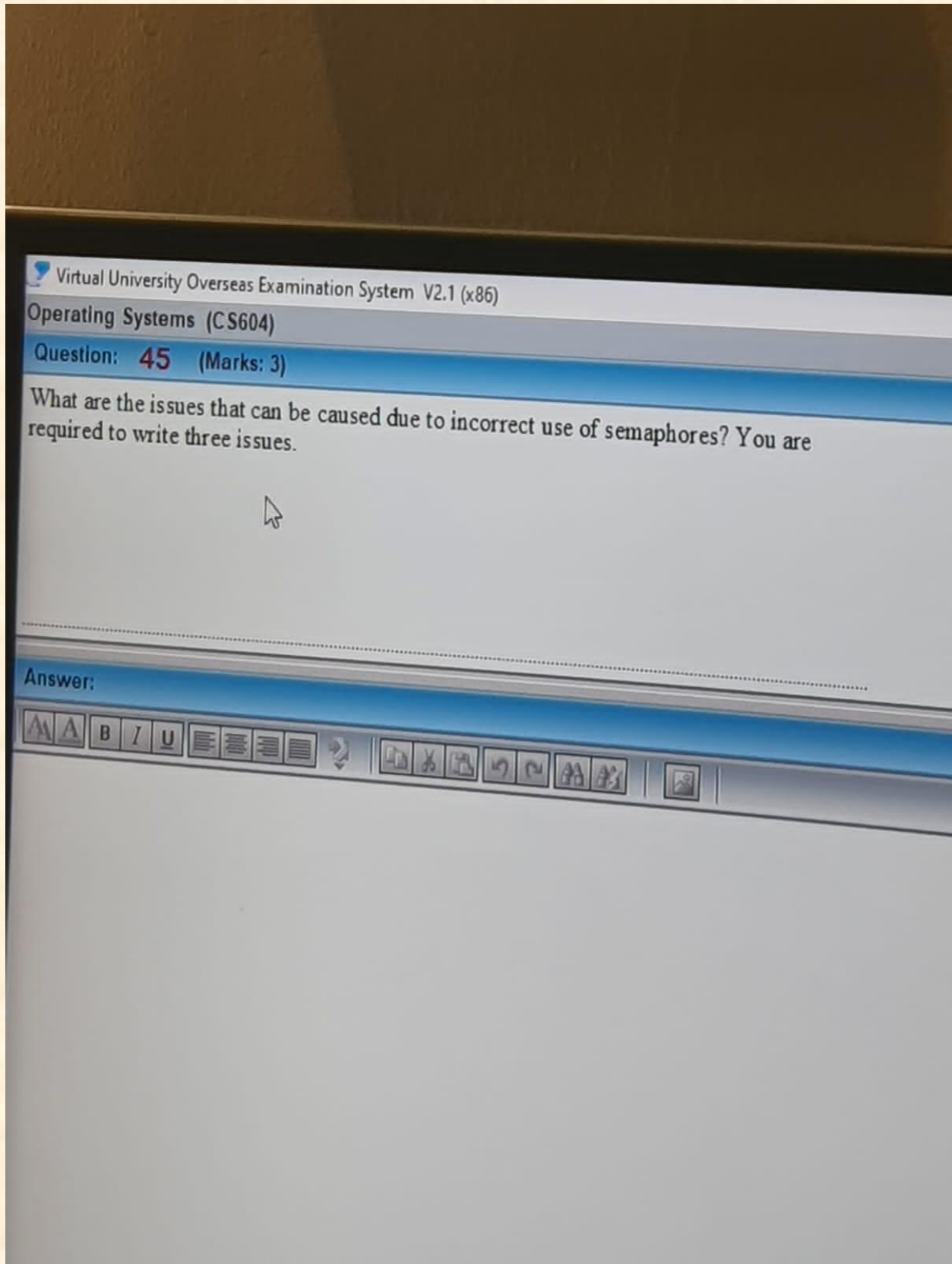
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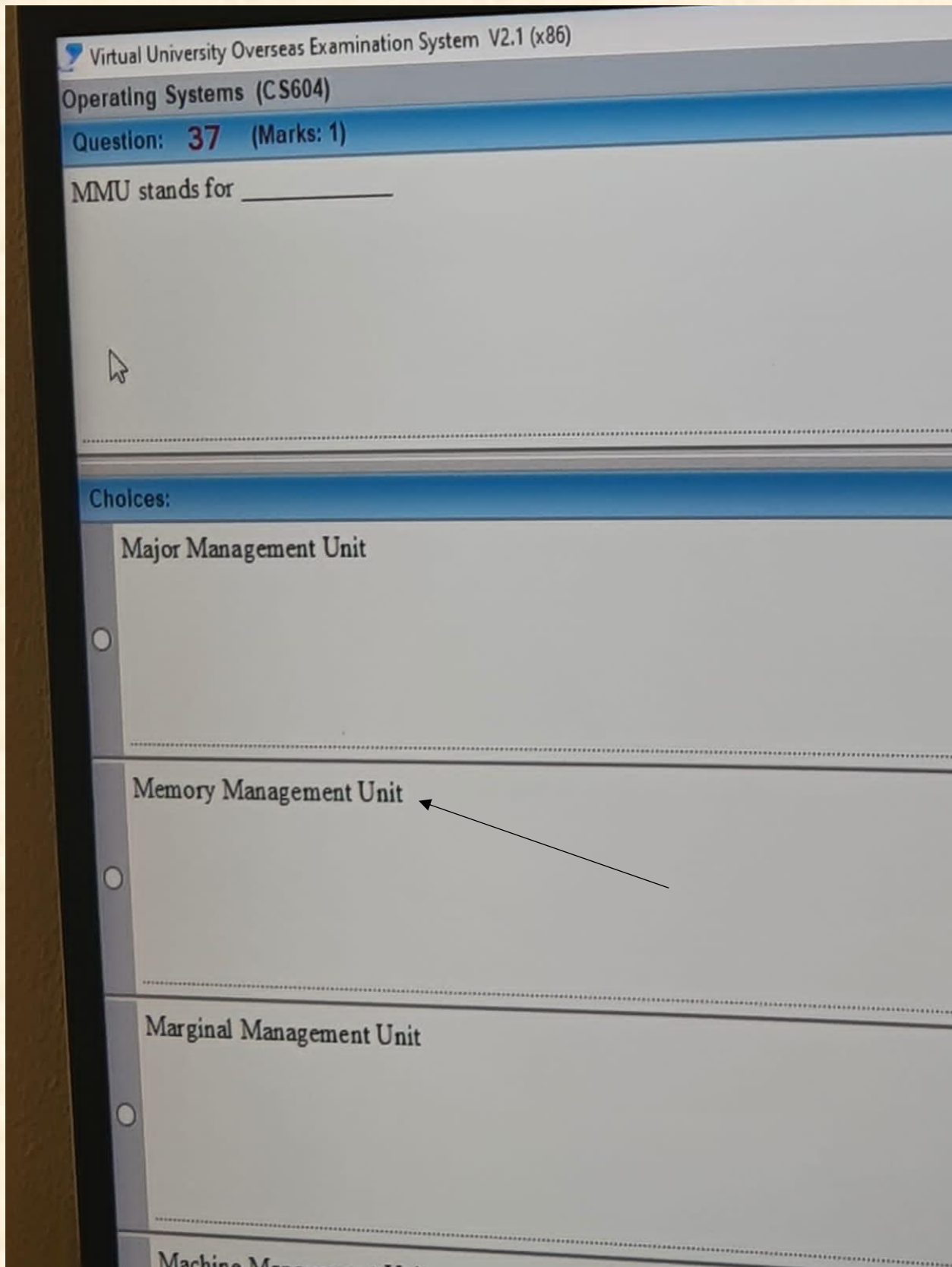
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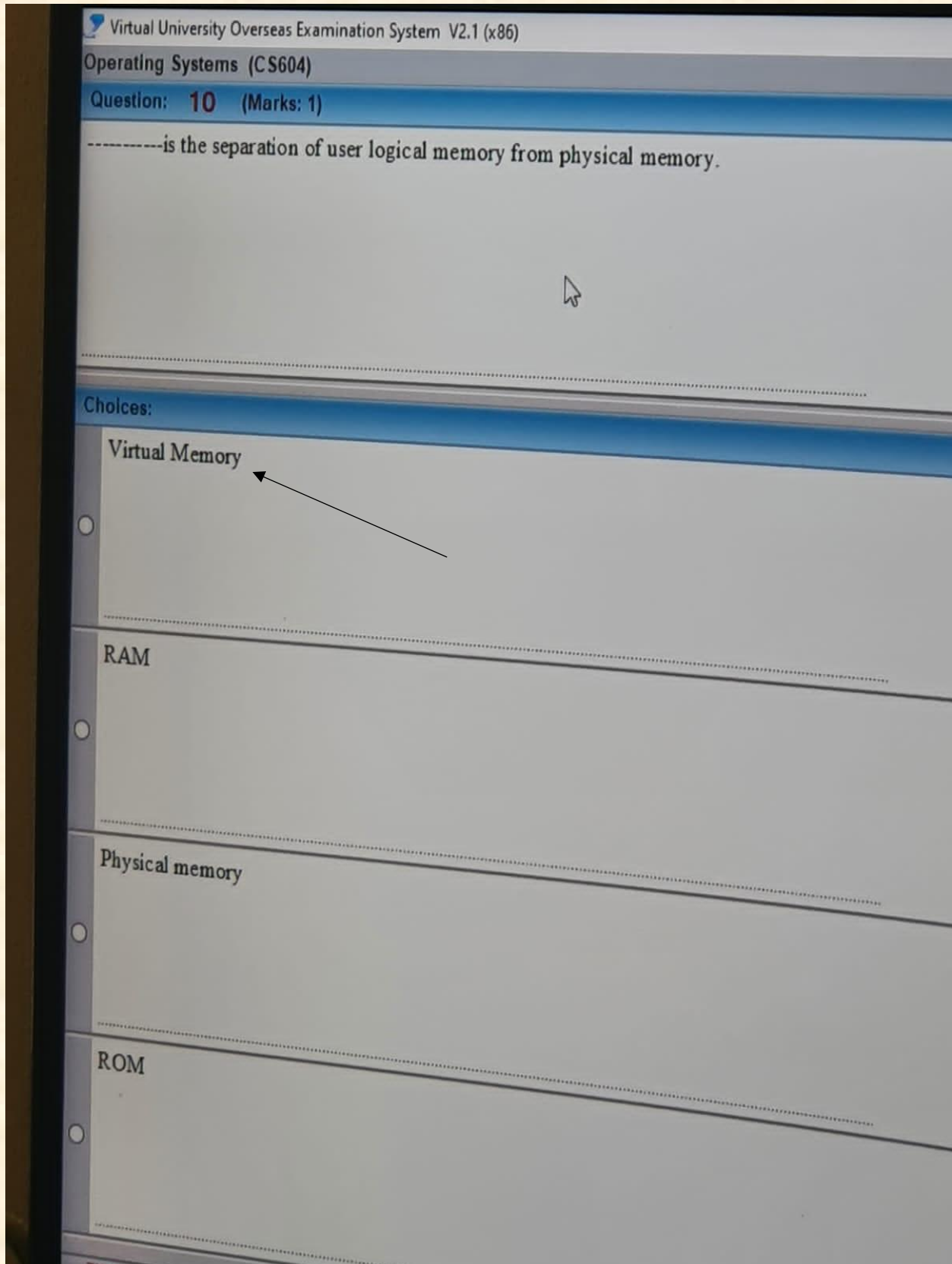
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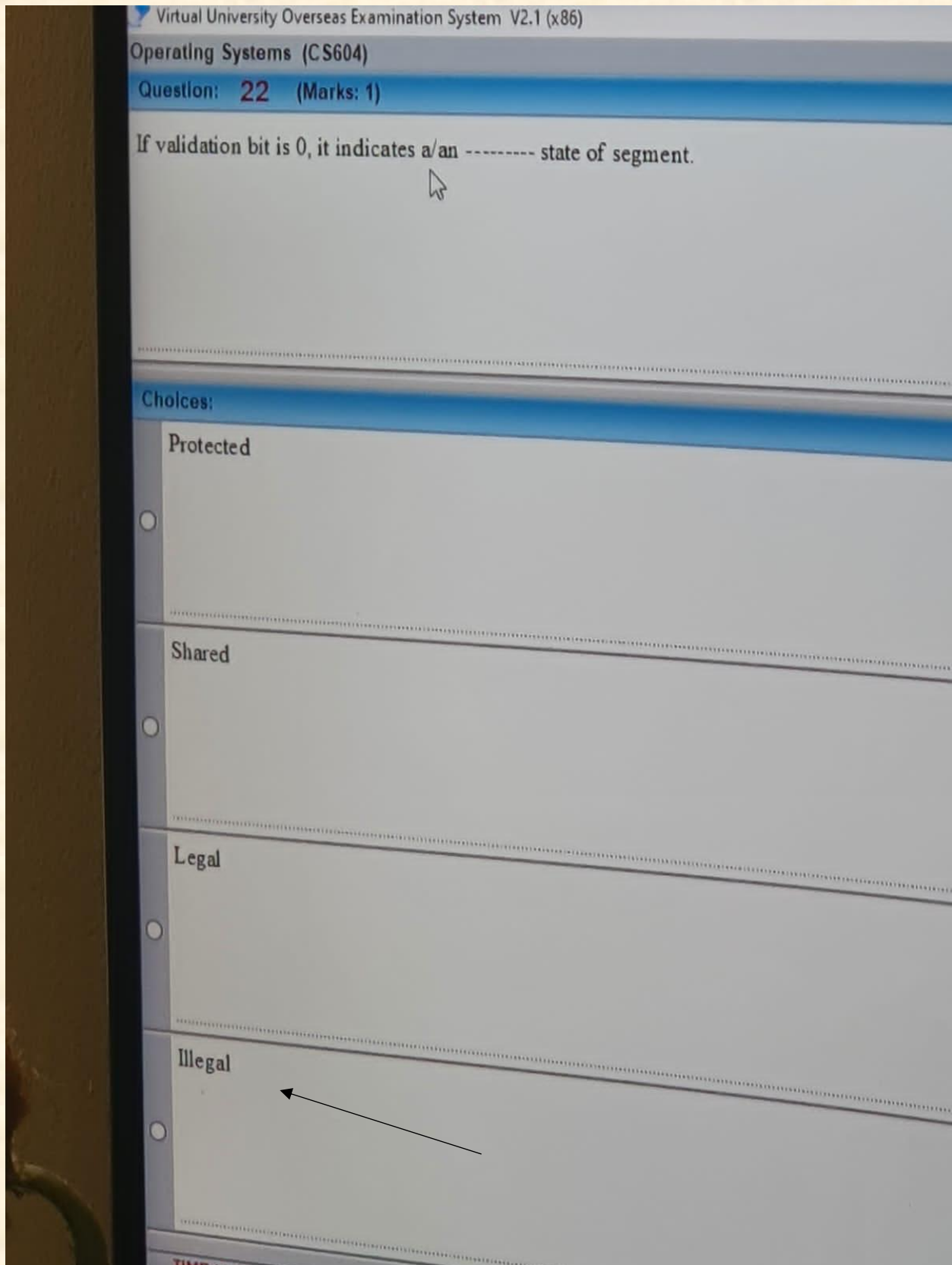
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Question: **38** (Marks: 1)

If members of a team have to work sequentially on the shared files then _____ is the most suitable scheme.



Choices:

Common Login

Common Group

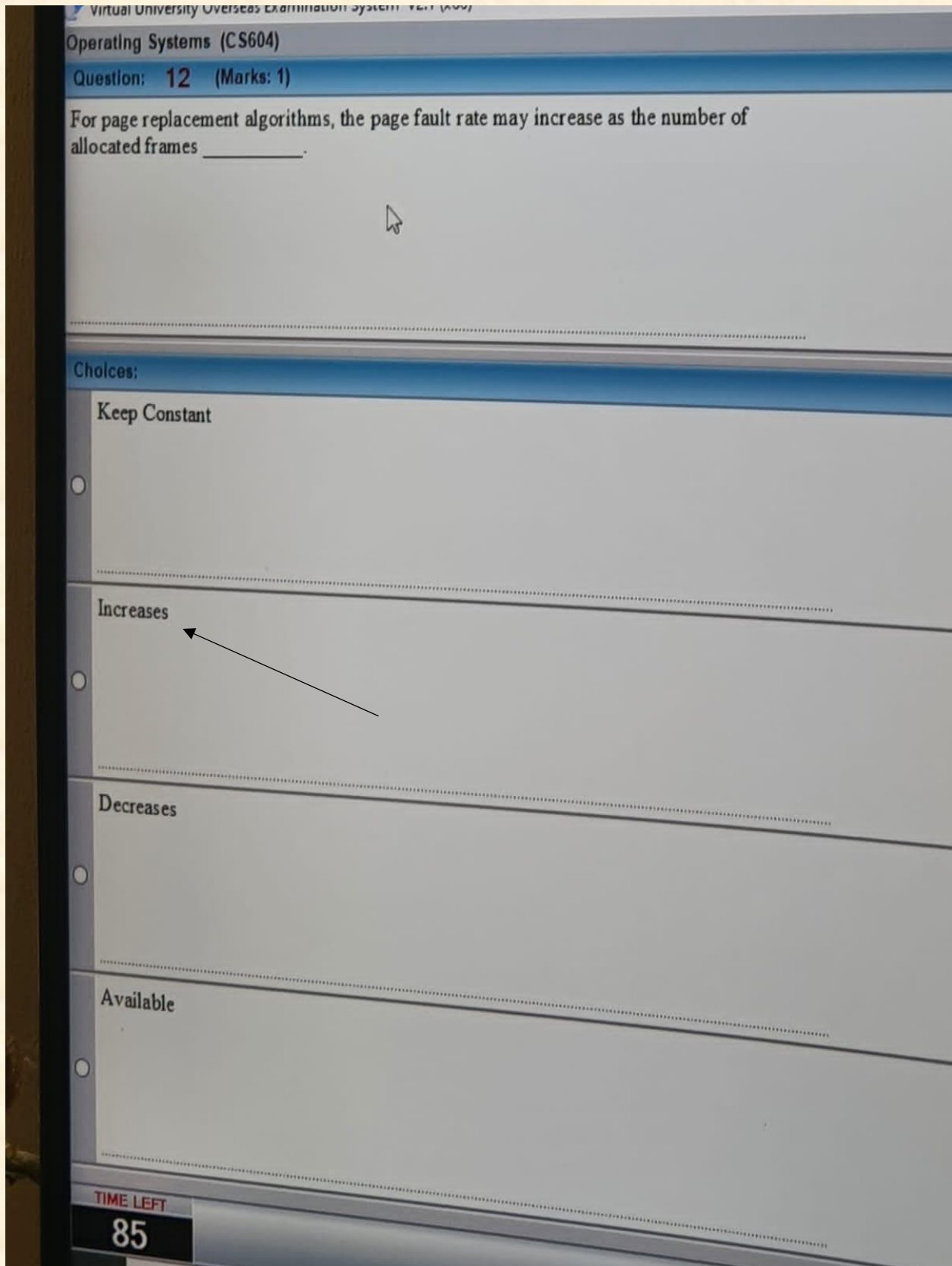
Link

Duplicating Files



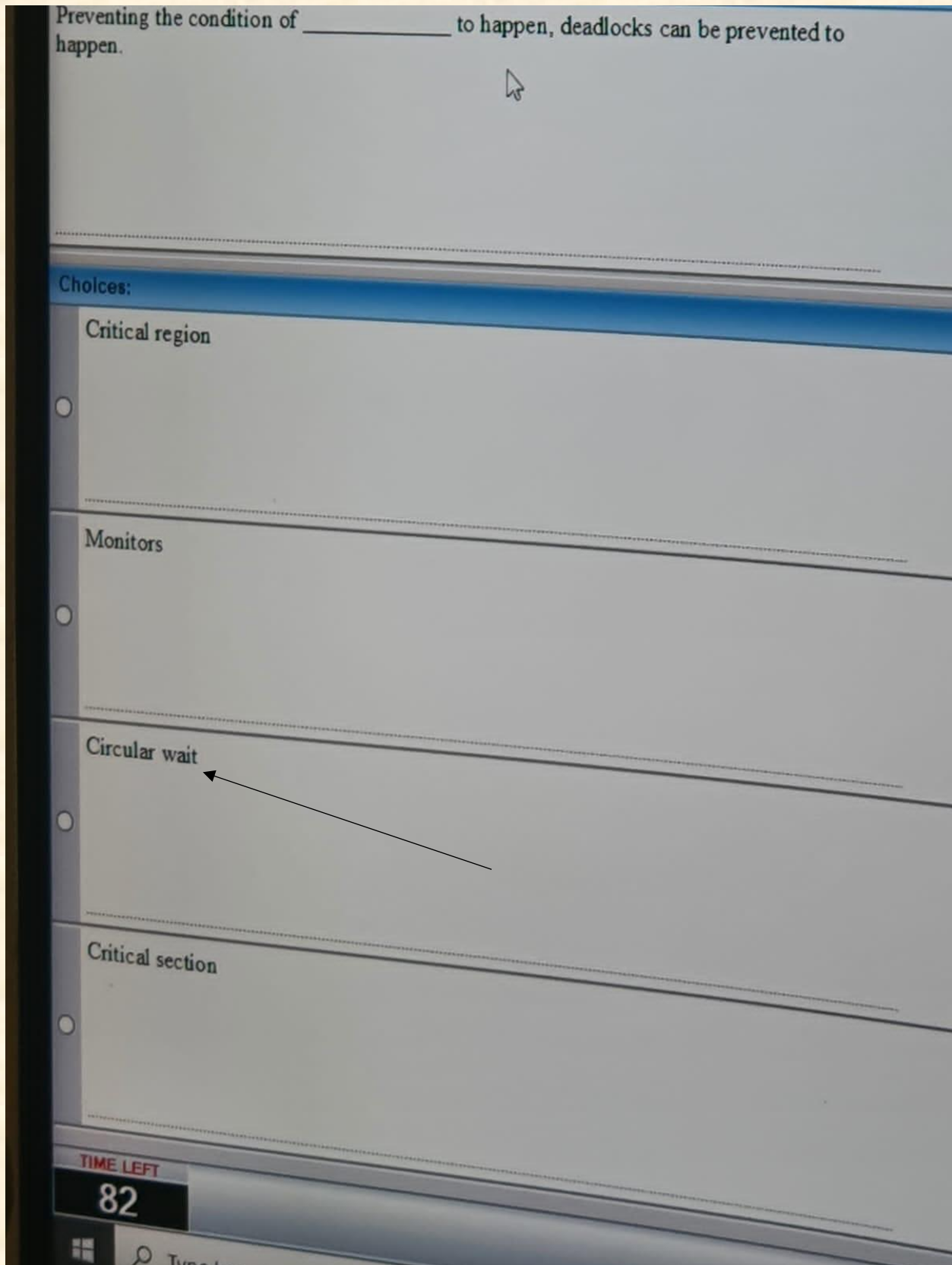
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Virtual University Overseas Examination System V2.1 (x86)

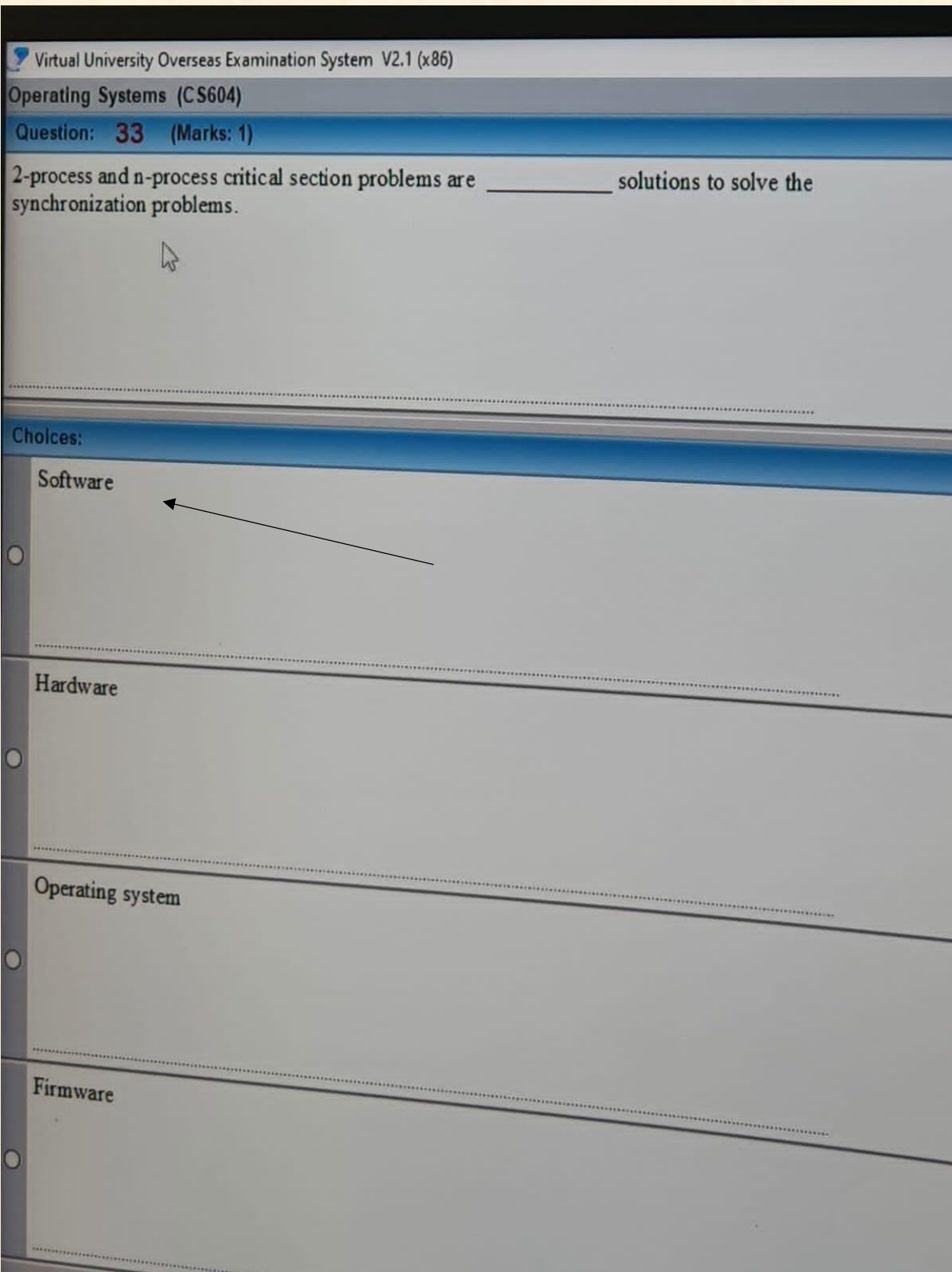
Operating Systems (CS604)

Question: **33** (Marks: 1)

2-process and n-process critical section problems are _____ solutions to solve the synchronization problems.

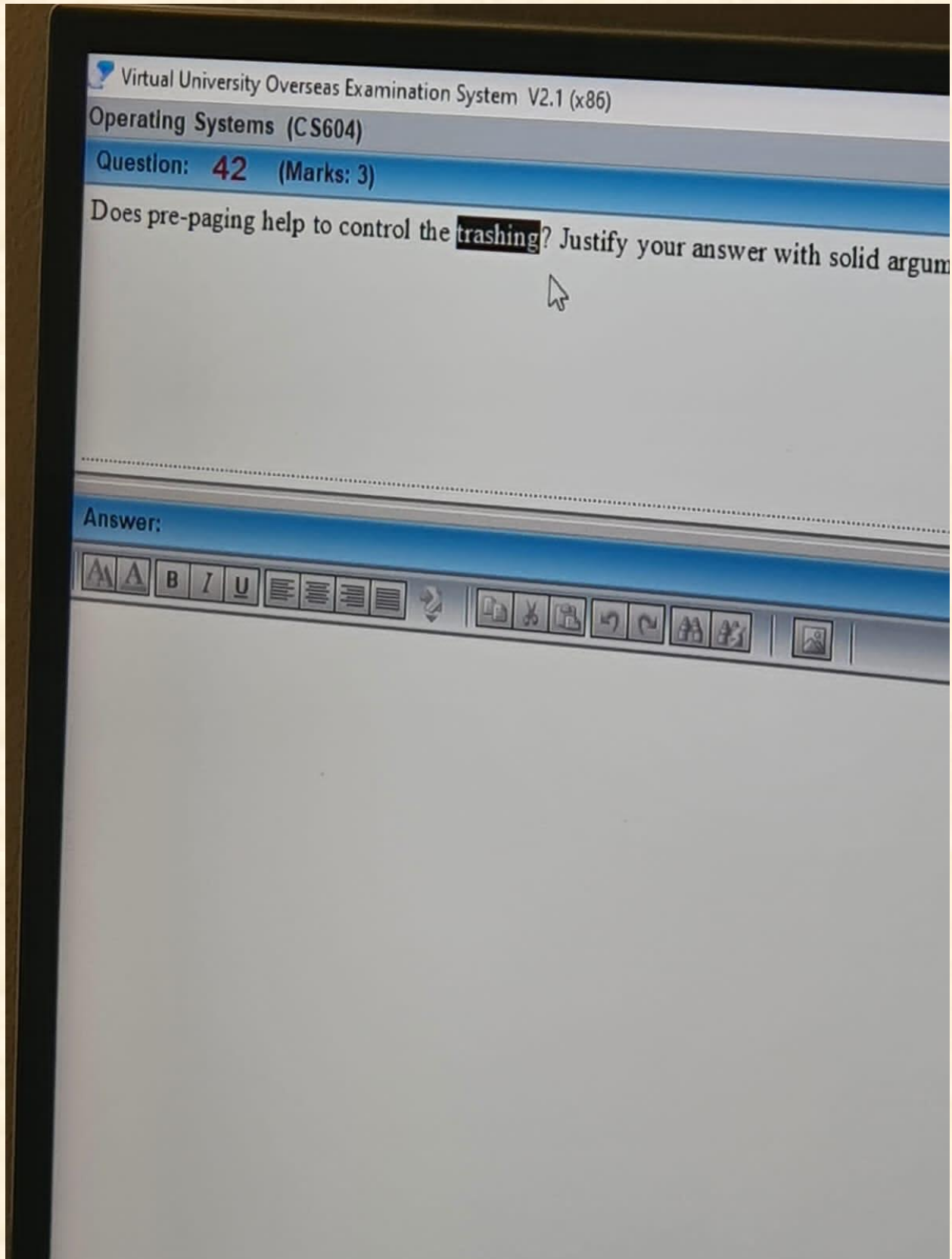
Choices:

- Software
- Hardware
- Operating system
- Firmware



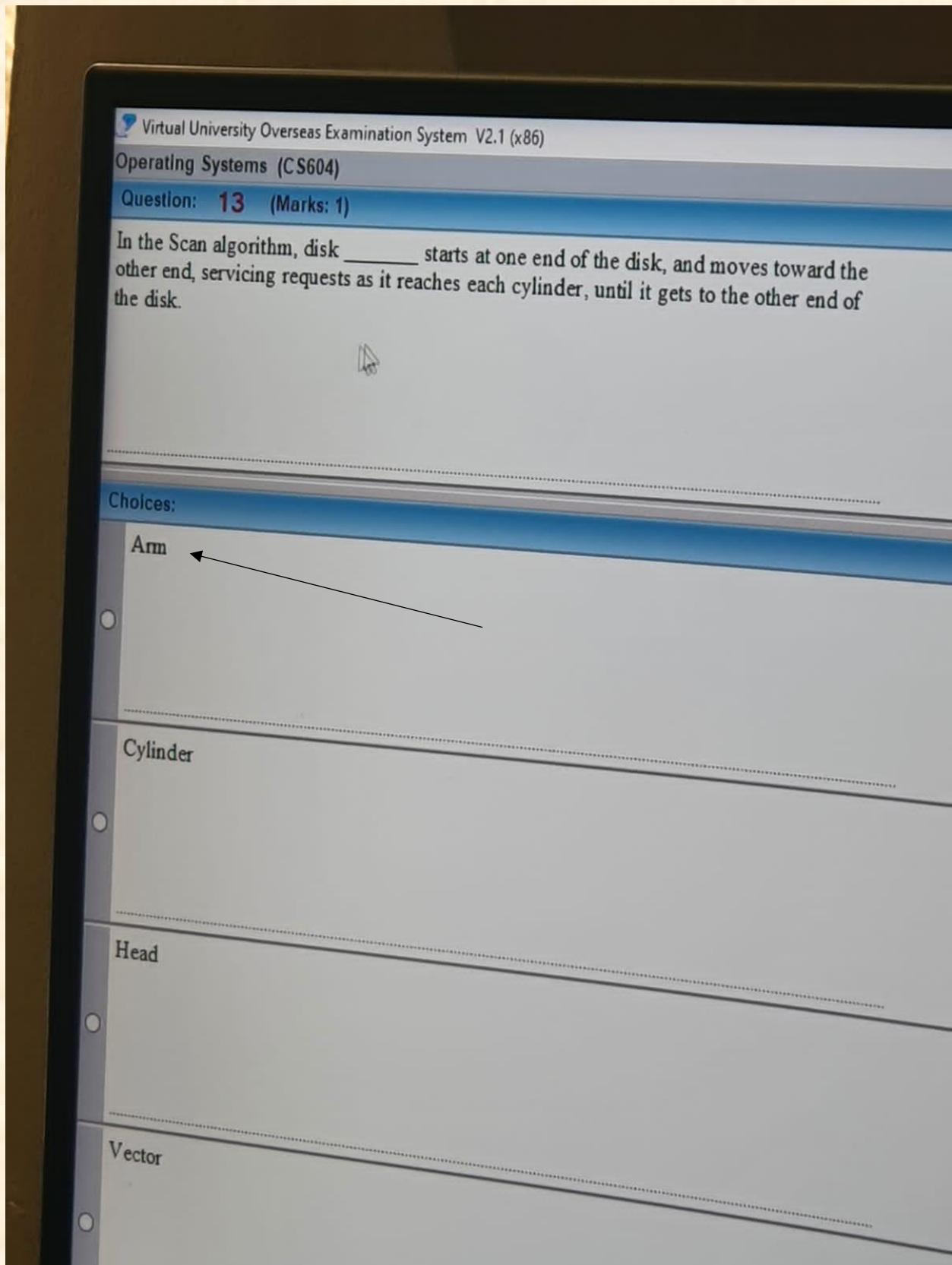
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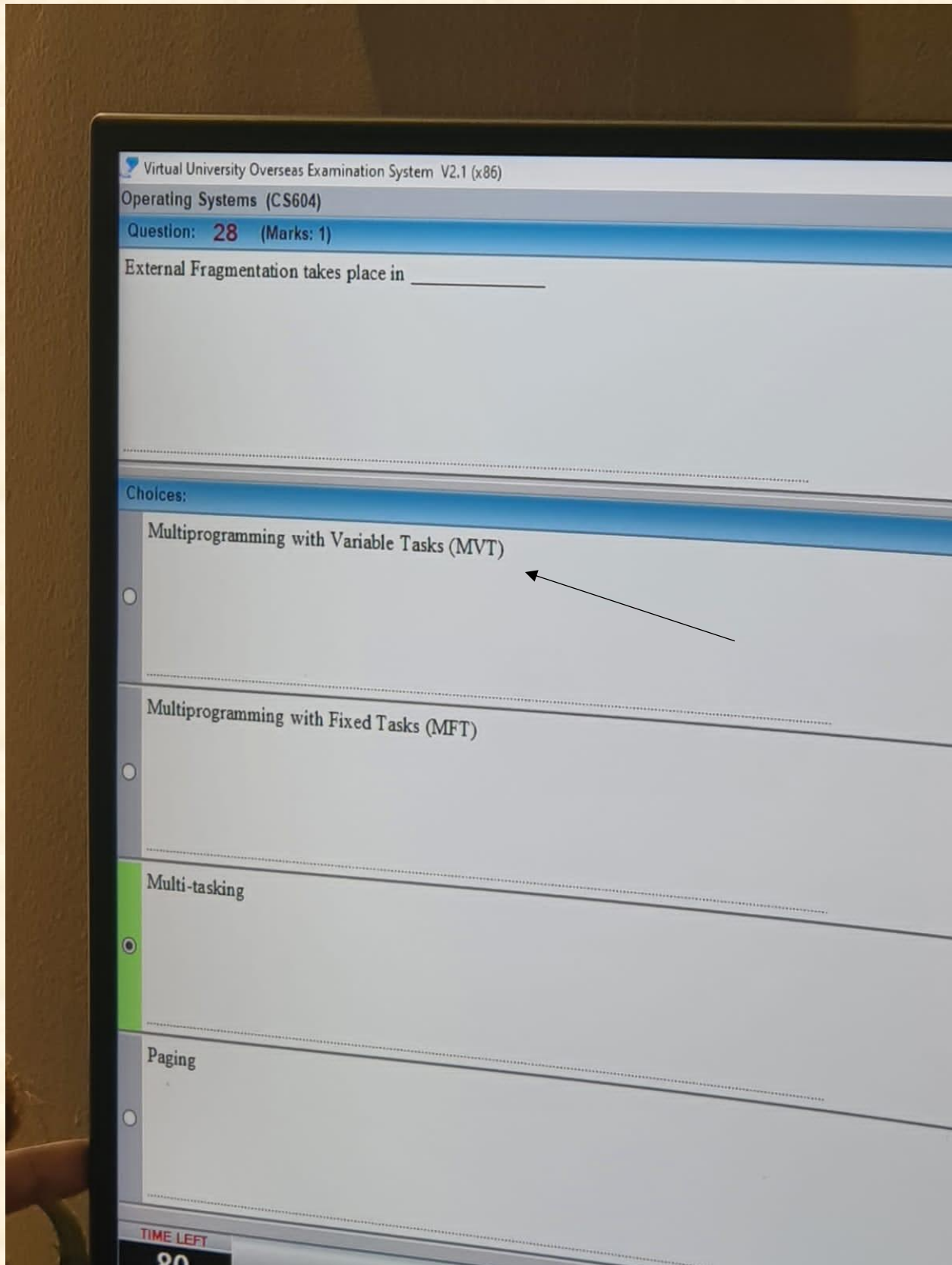


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Question: 40 (Marks: 1)

Following is NOT true about Virtual memory.

Choices:

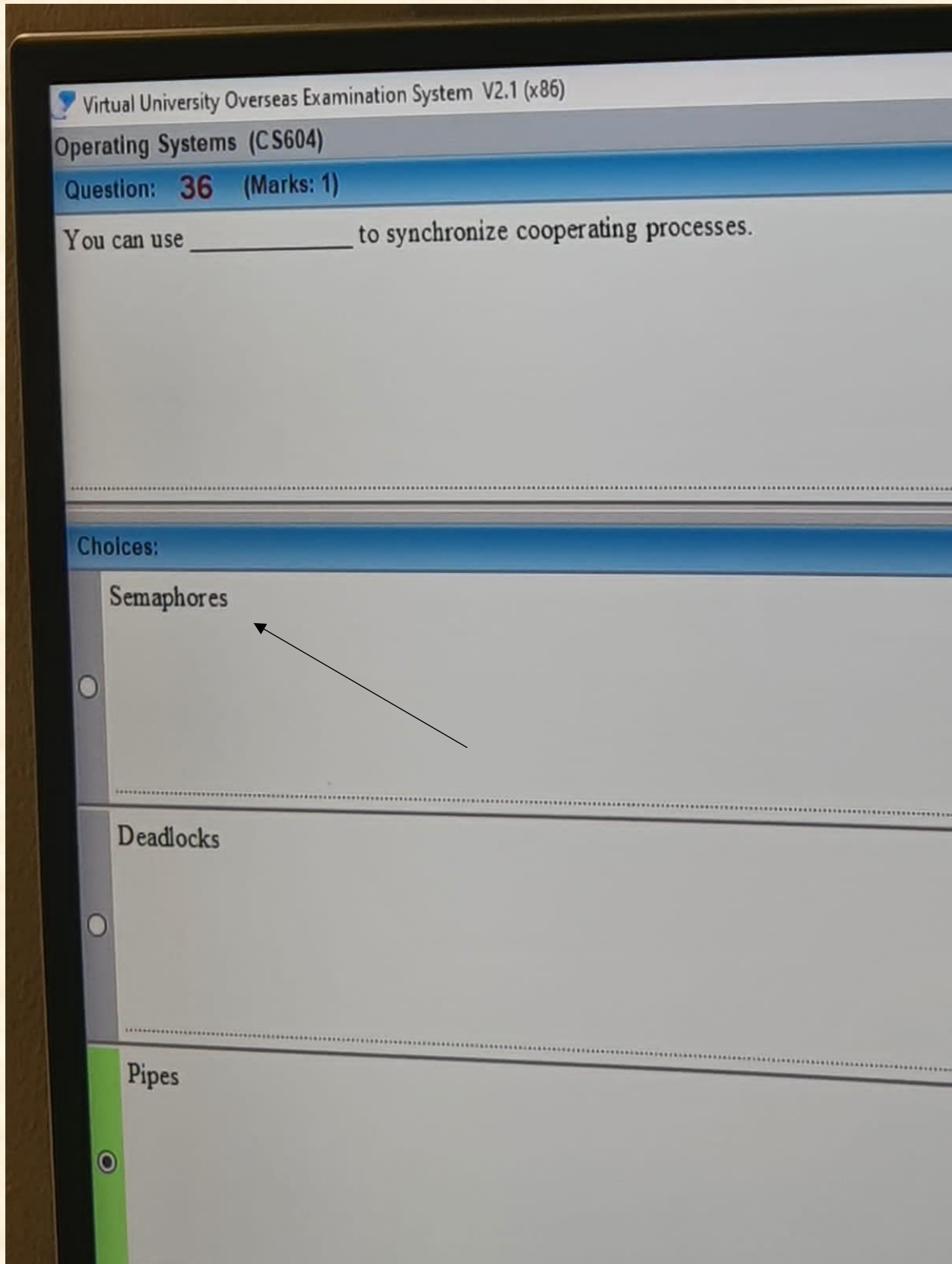
Virtual memory helps in executing bigger programs even greater in size that of main memory.

Virtual memory makes the processes to stuck when the collective size of all the processes becomes greater than the size of main memory.

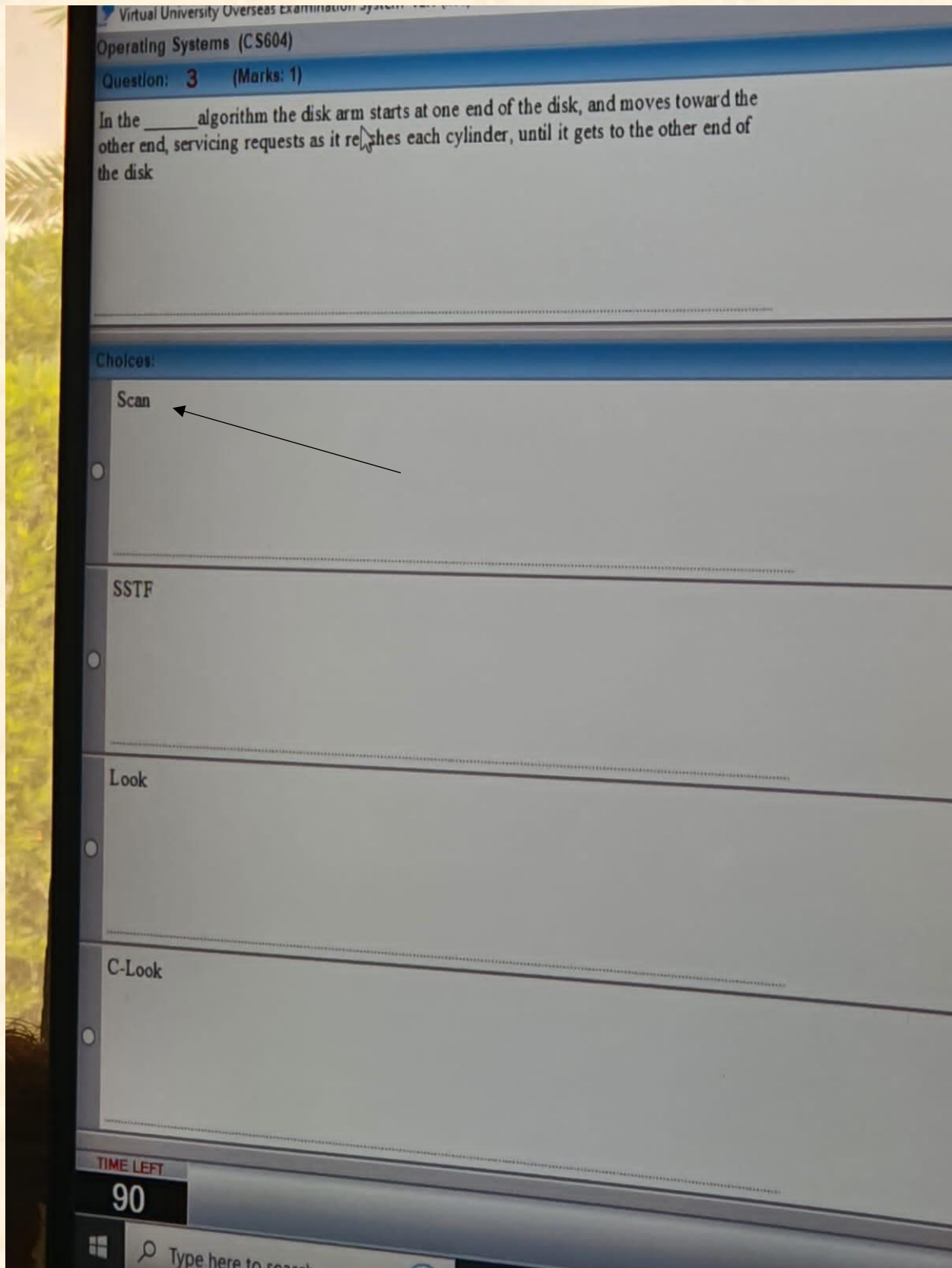
Virtual memory also allows files and memory to be shared by several different processes through page sharing.

Virtual memory makes the task of programming easier because the programmer need not worry about the amount of physical memory.

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Operating Systems (CS604)

Question: **35** (Marks: 1)

A dashed line is used to represent a _____ in Resource Allocation Graph.



Choices:

Claim edge



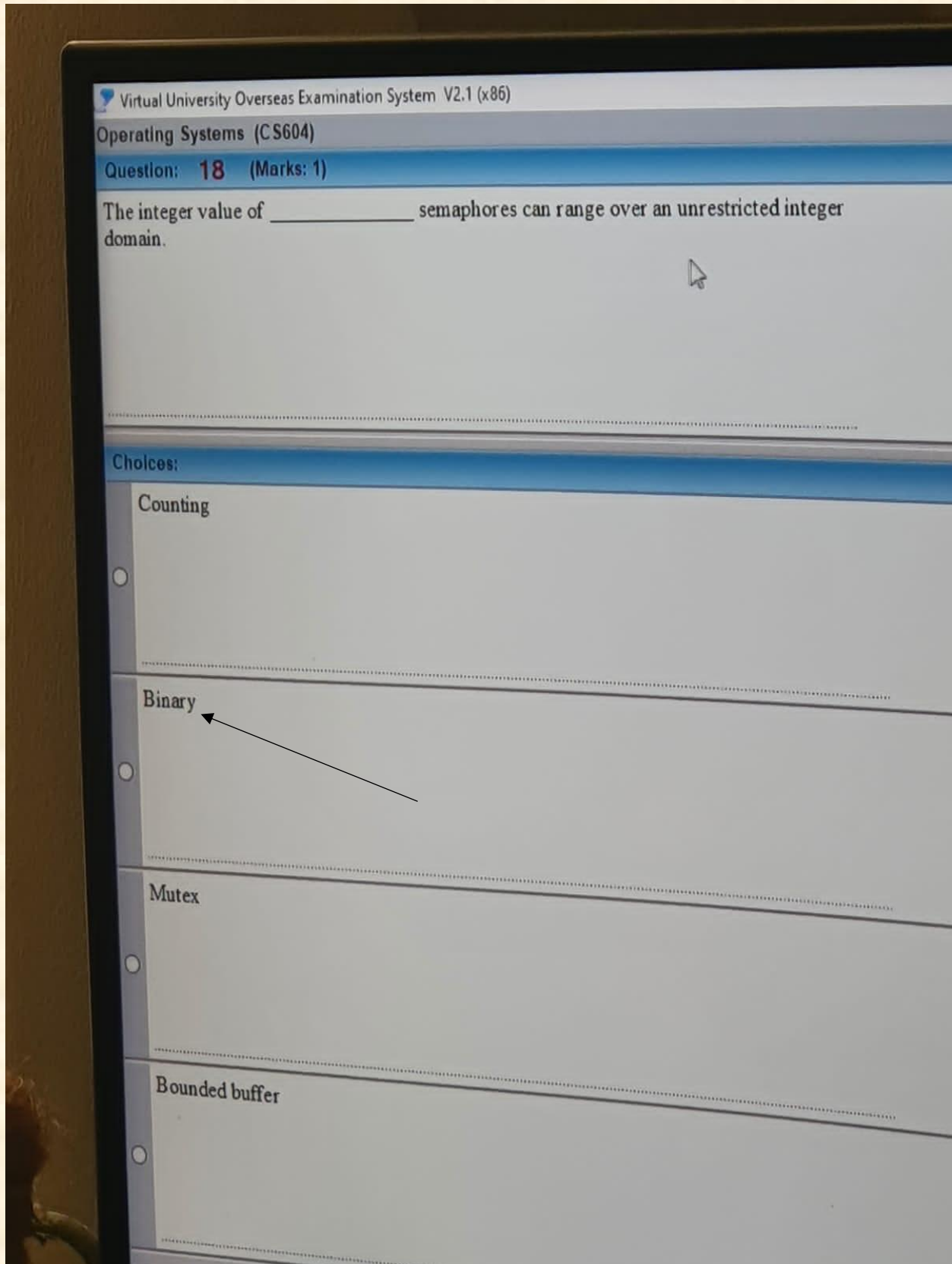
Request edge

Assignment edge

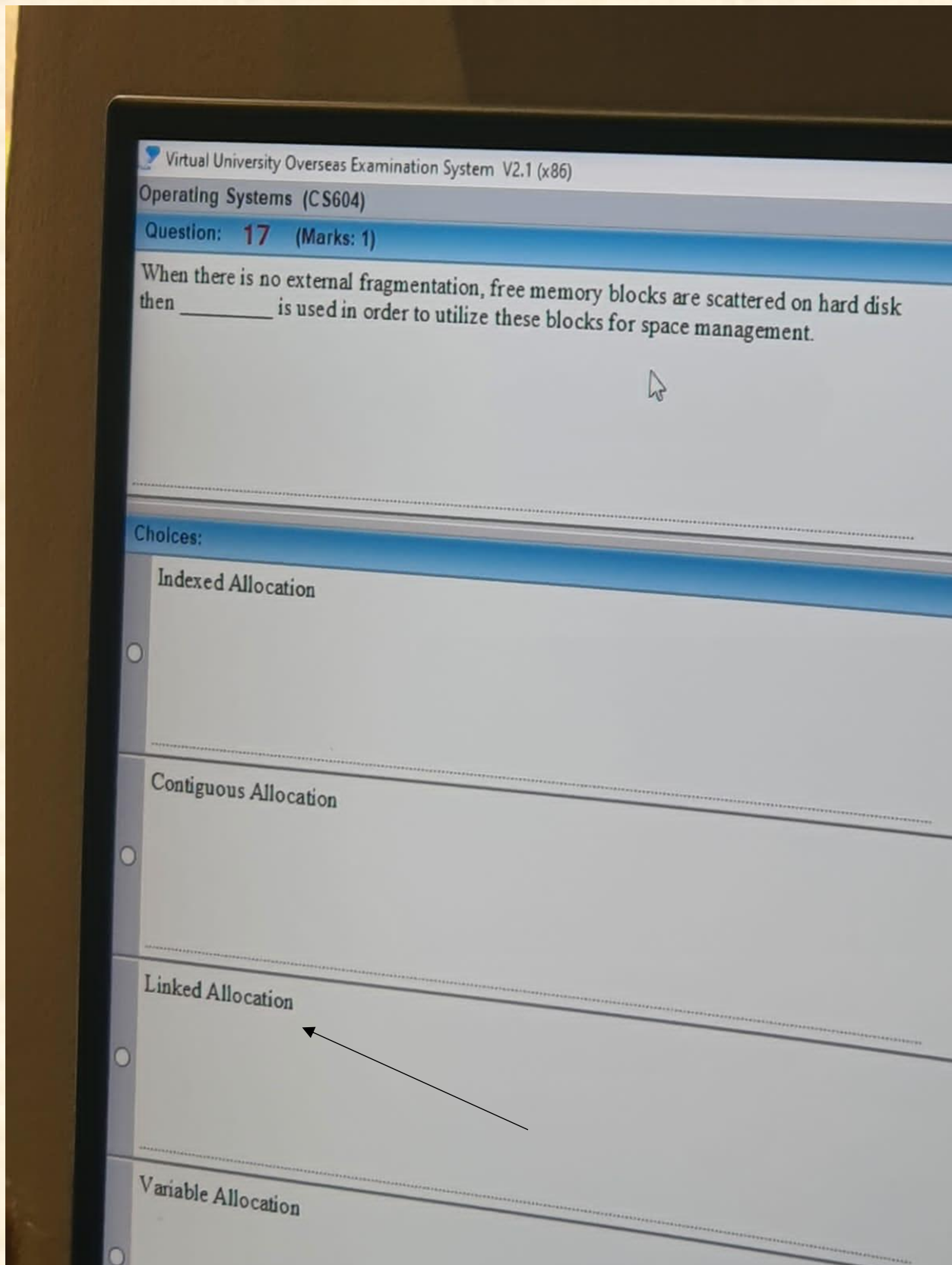
Allocation edge

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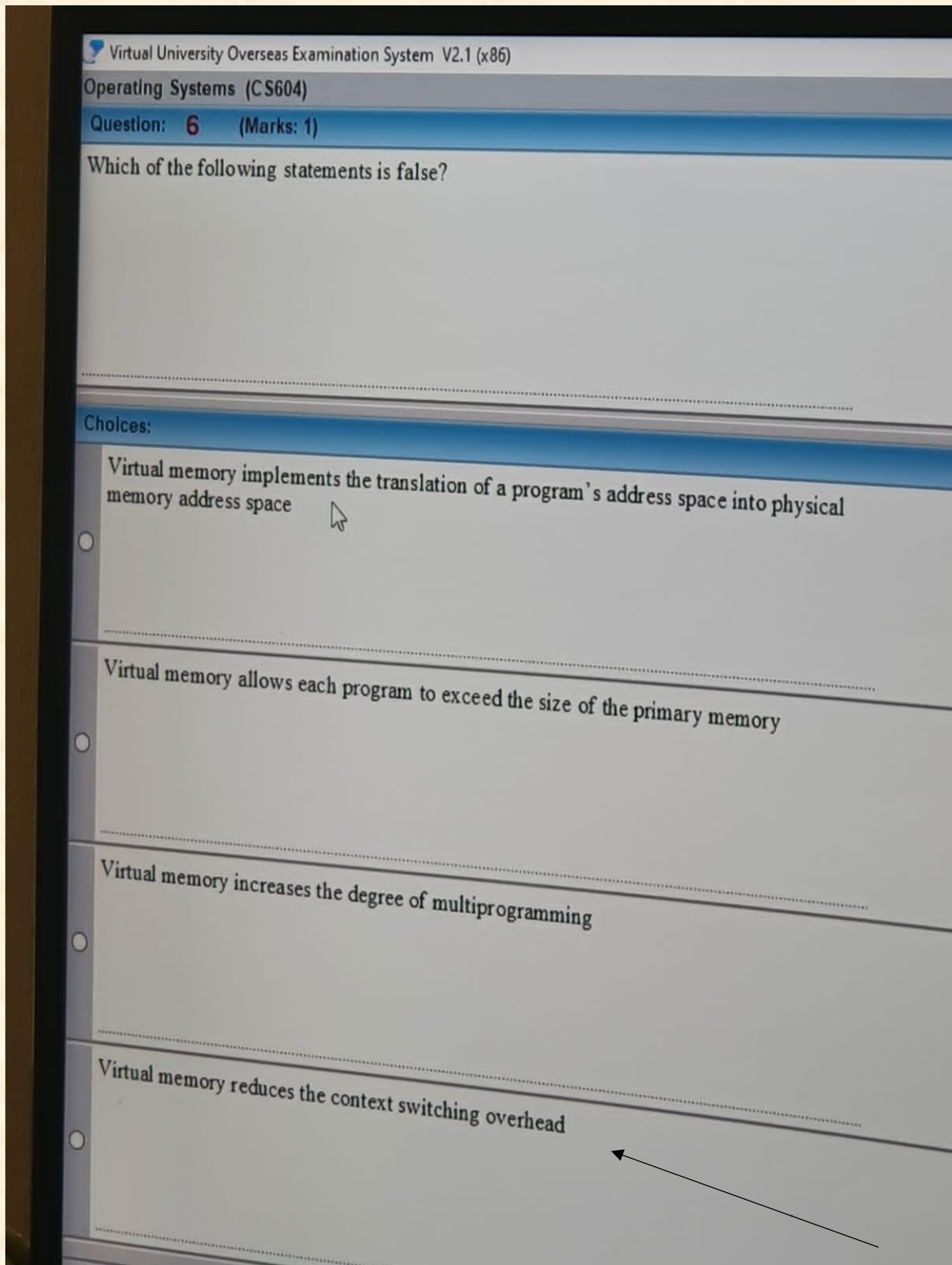
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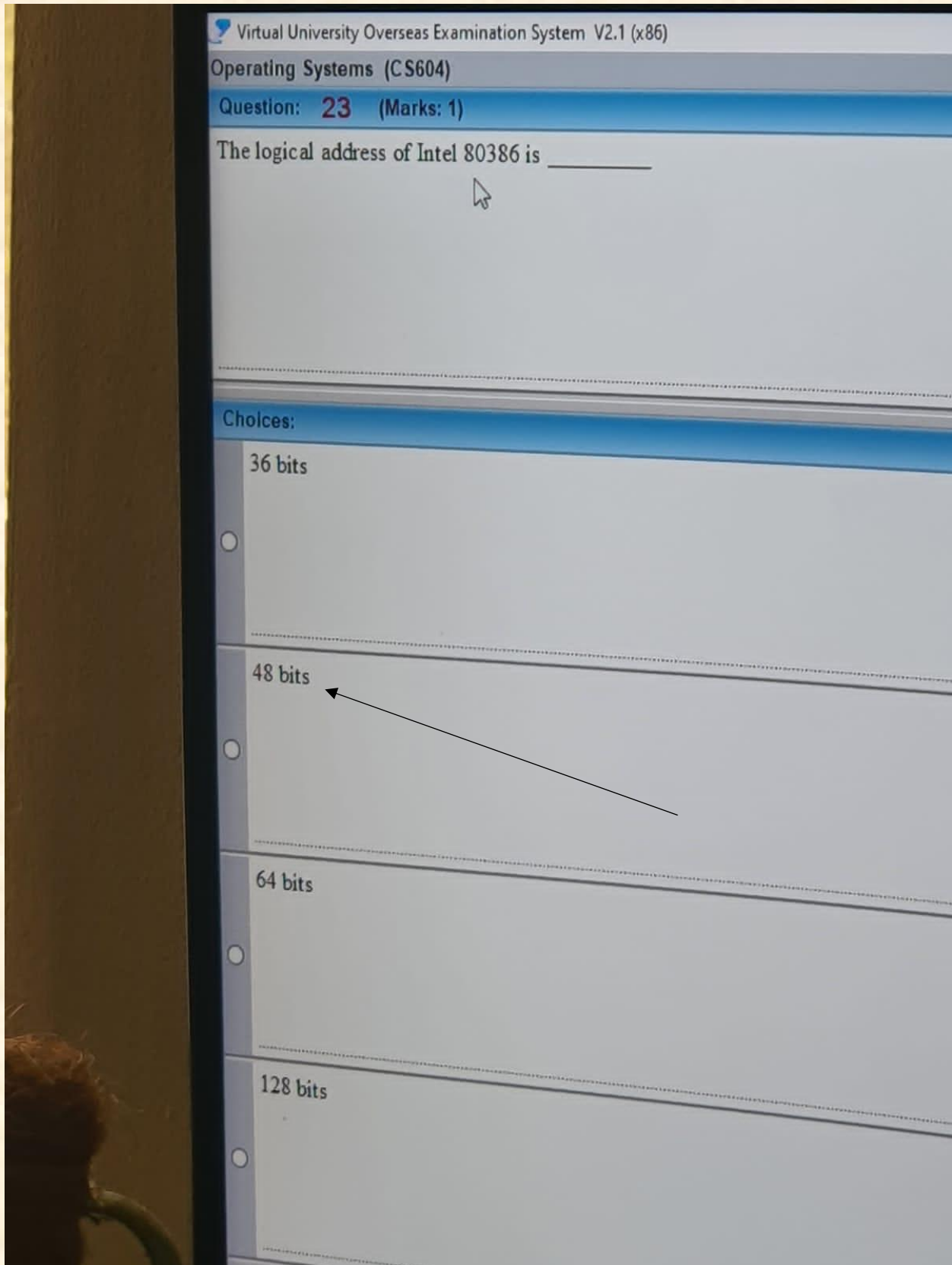


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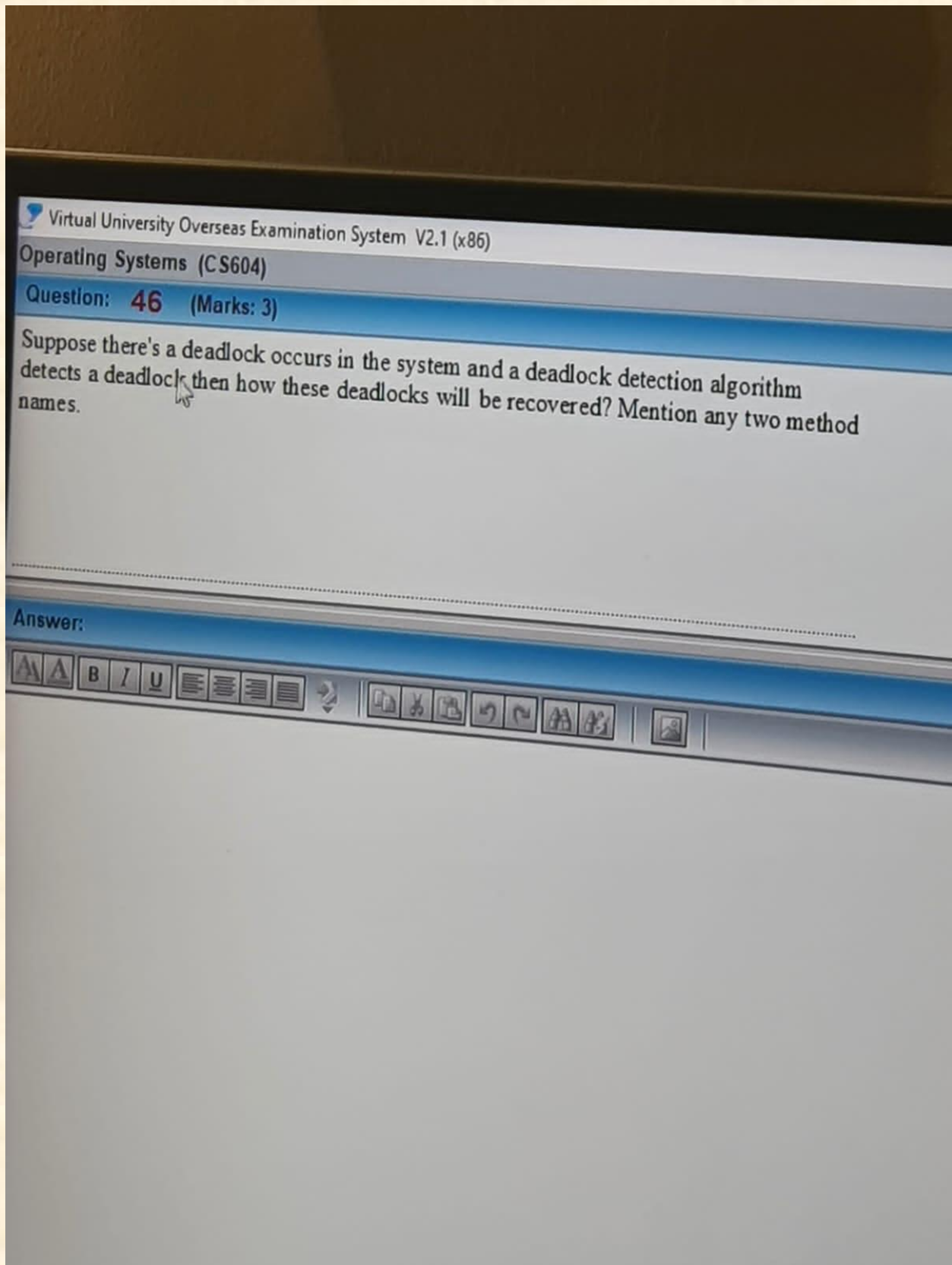


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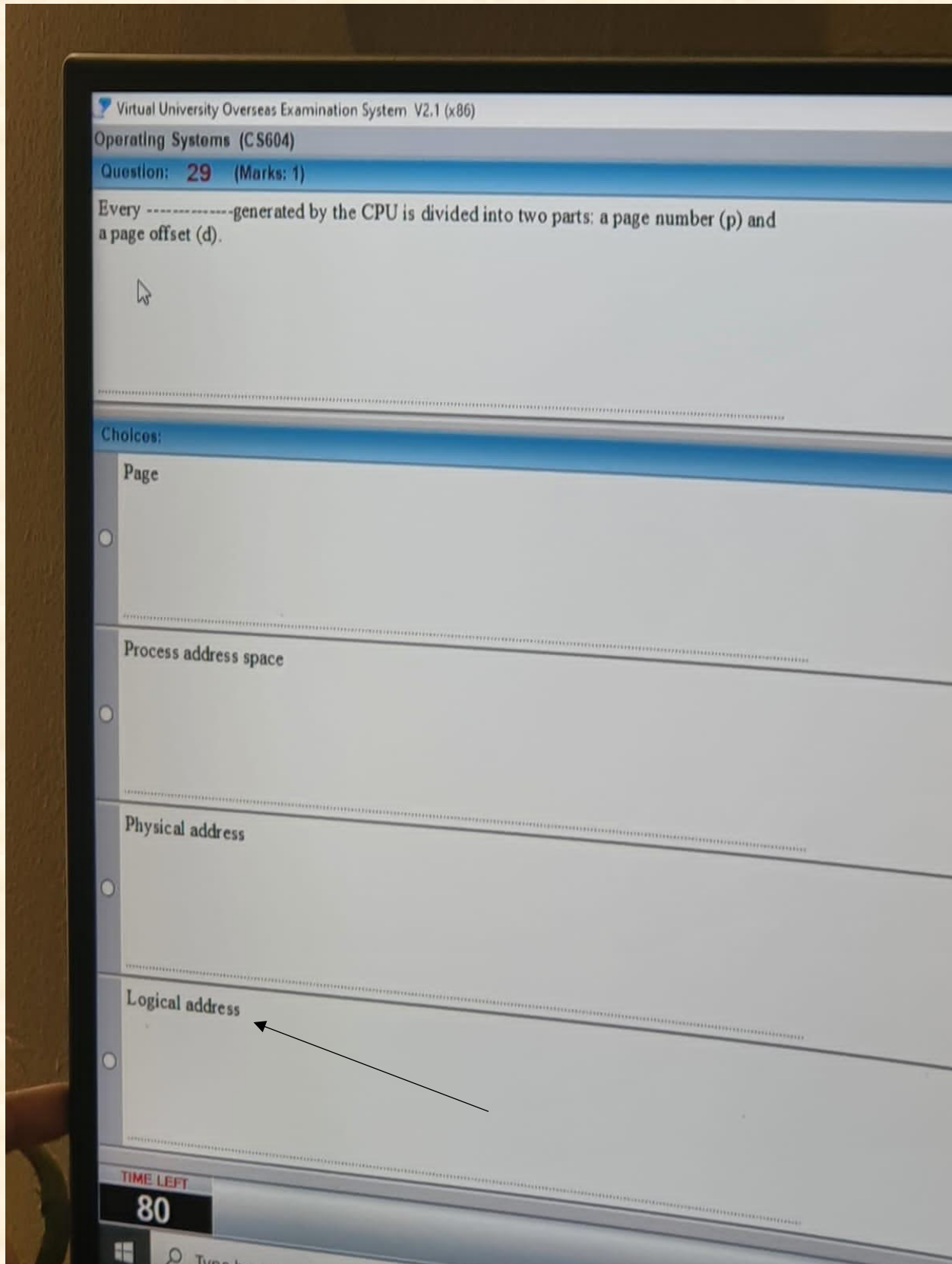
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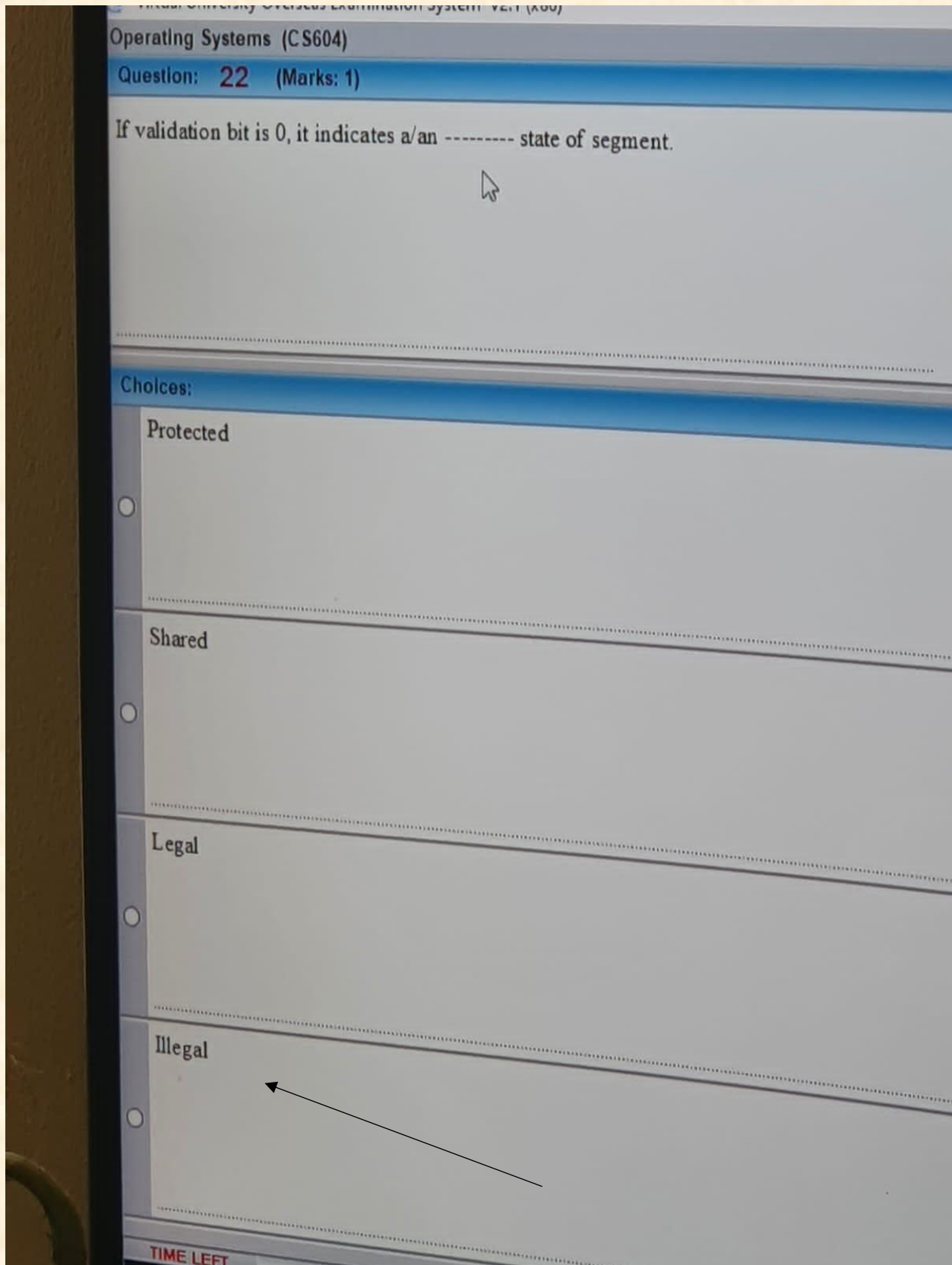


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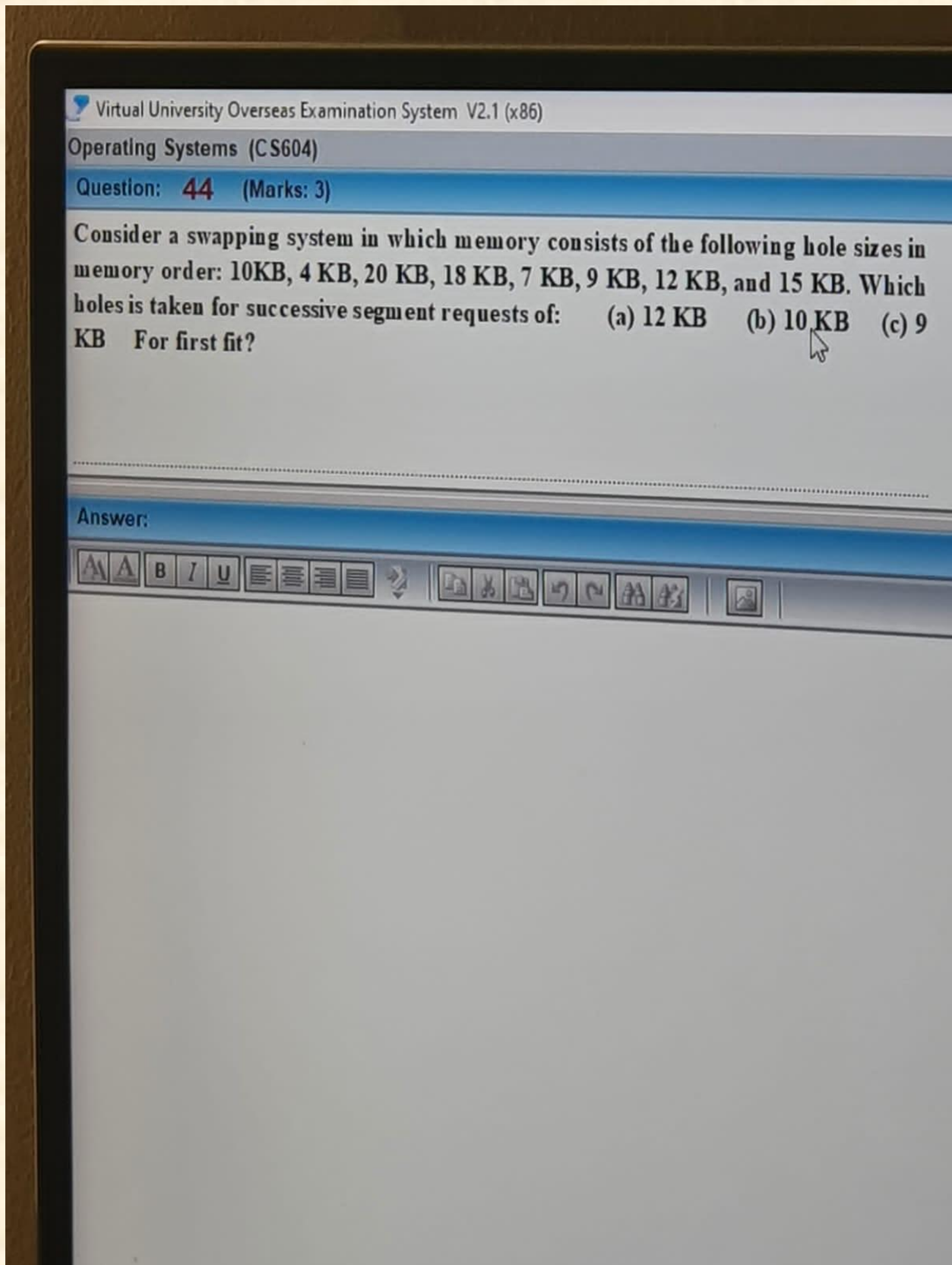
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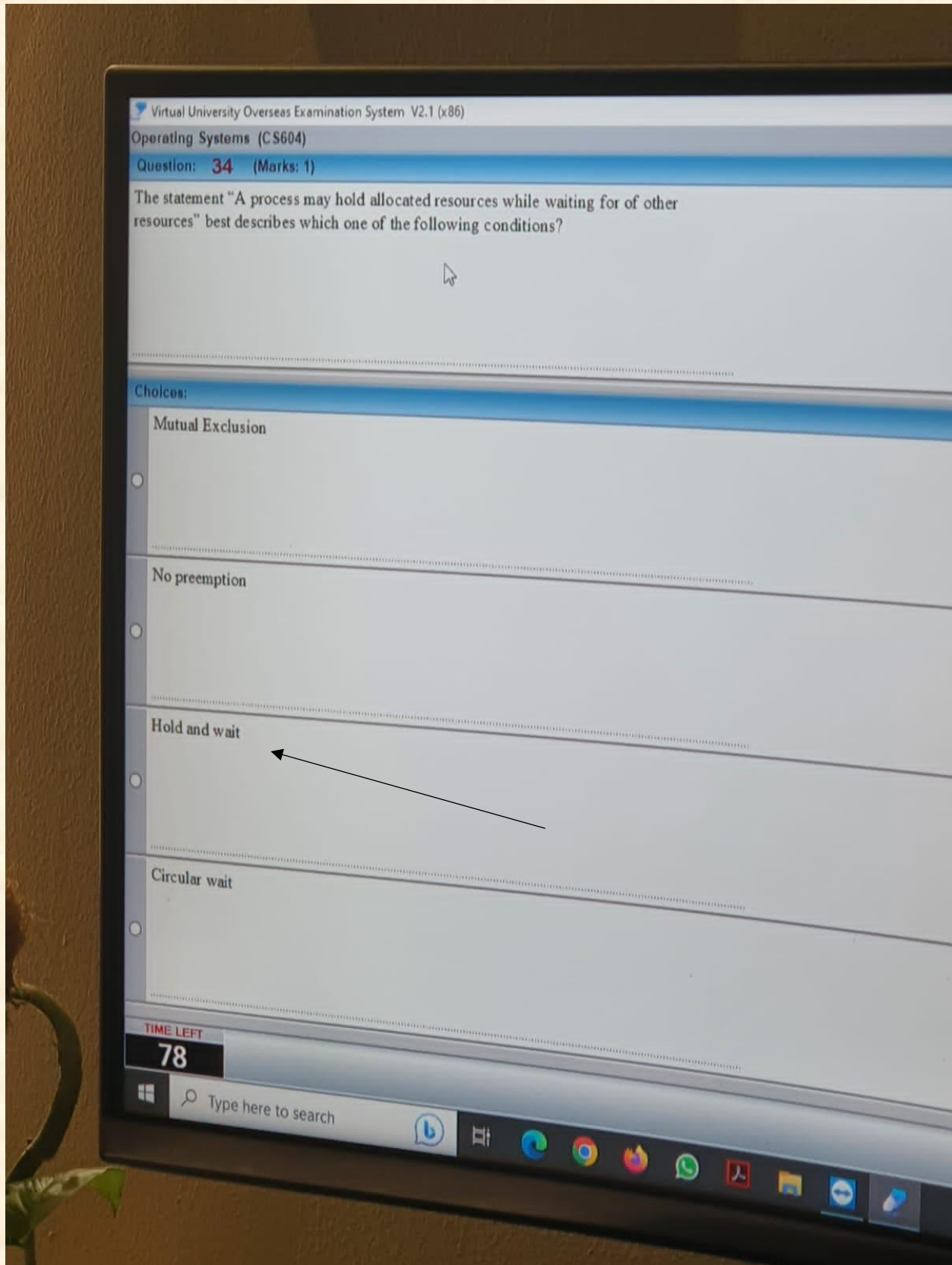
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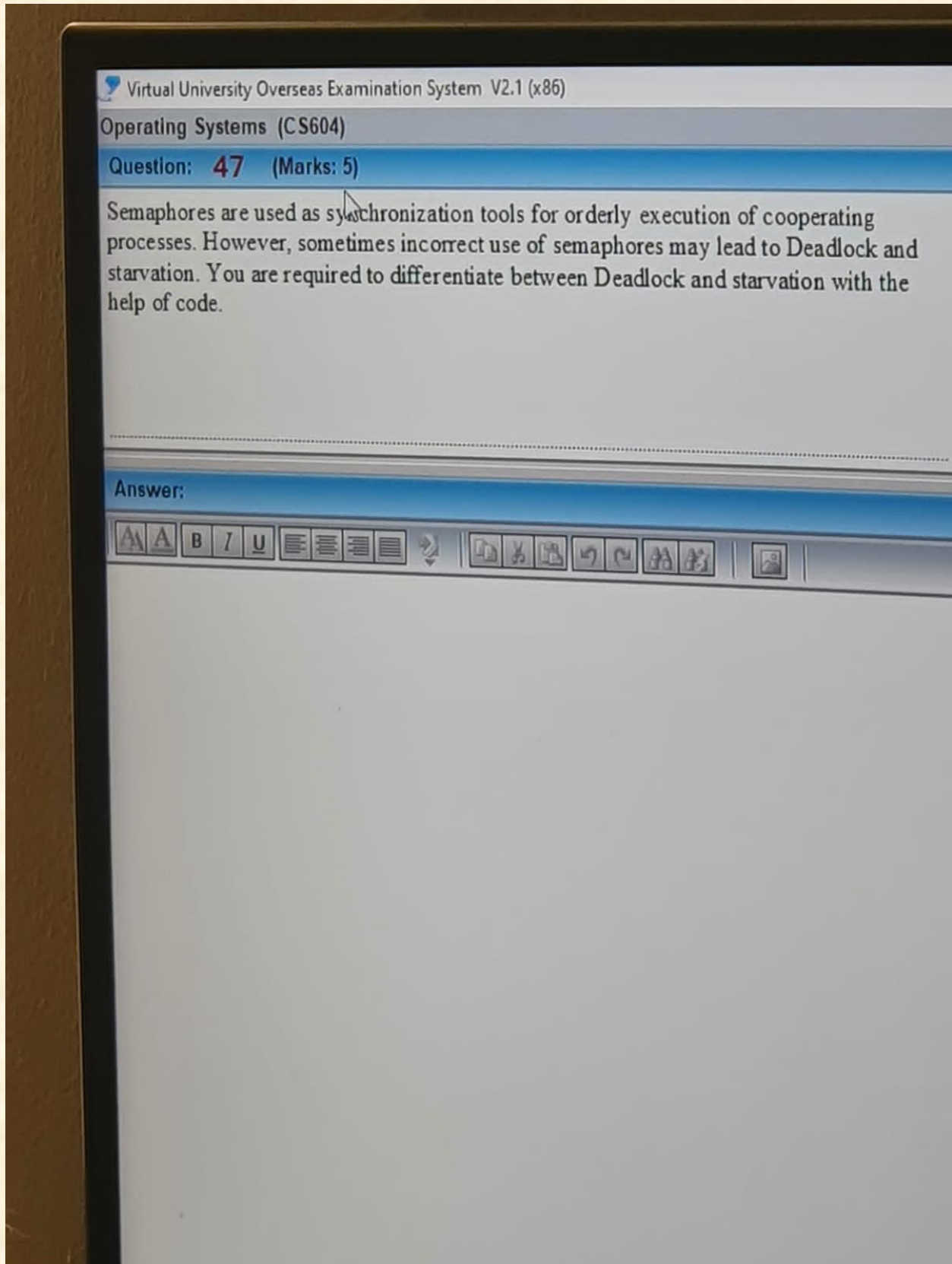
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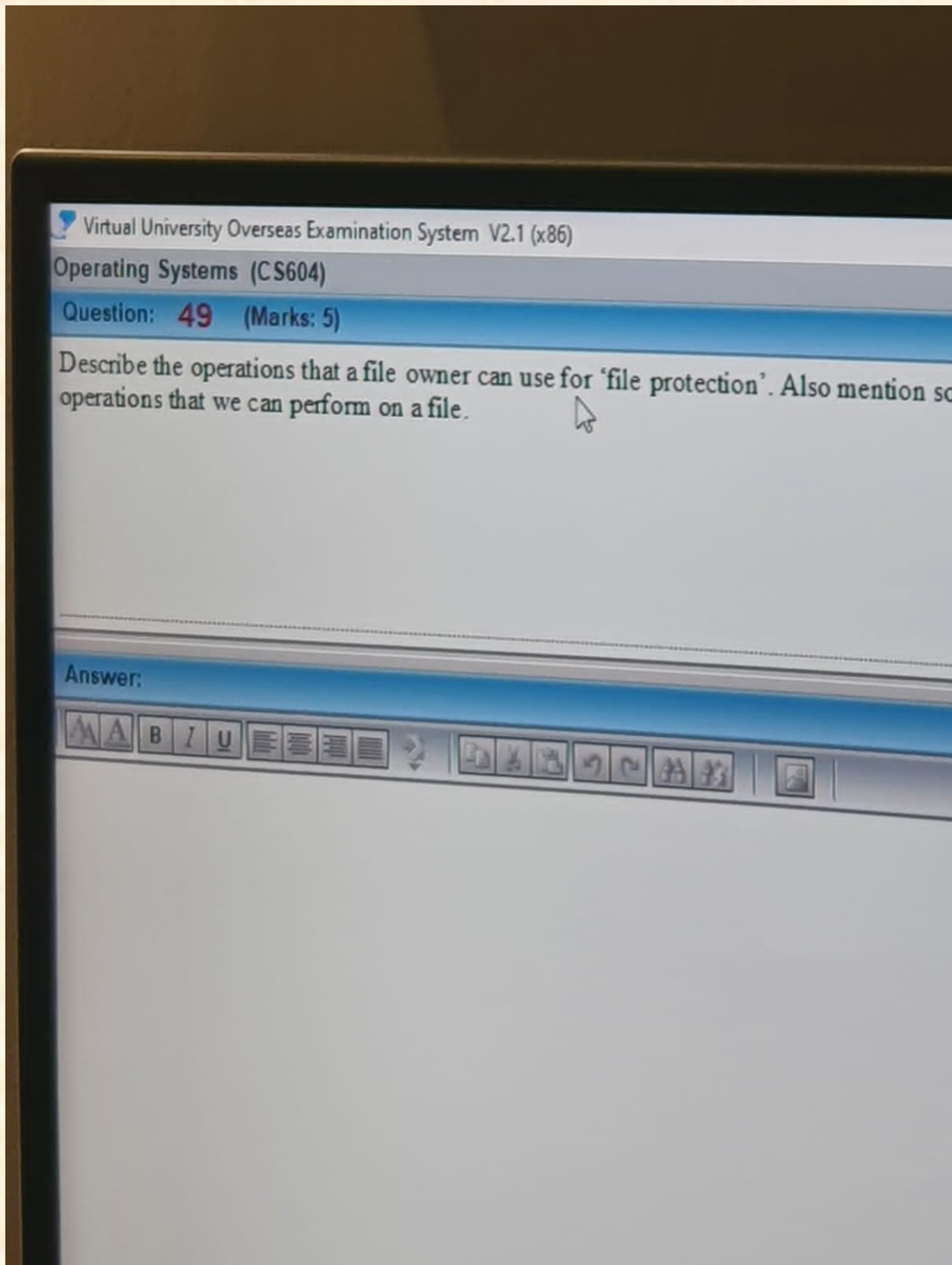


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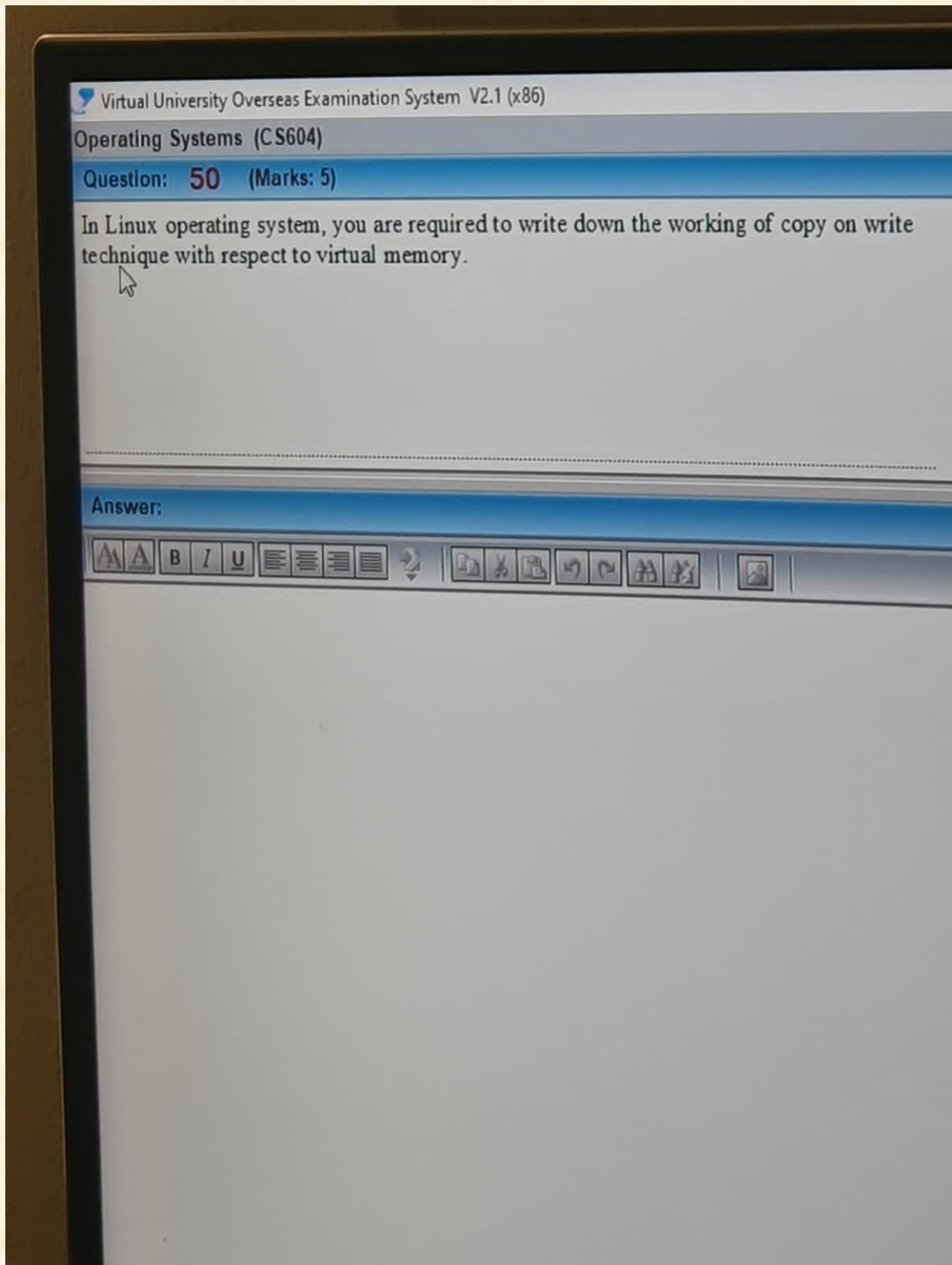
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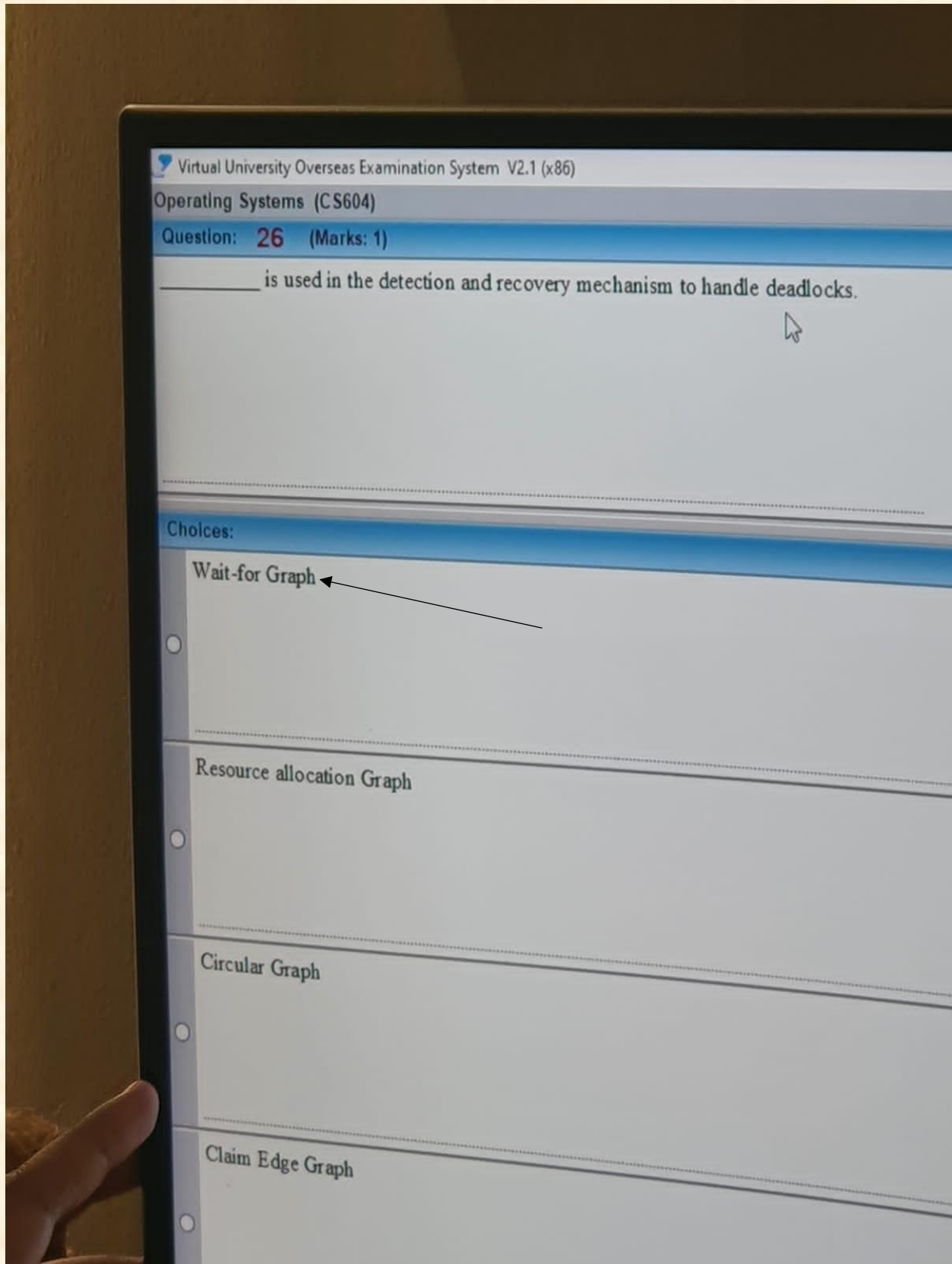
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Question: **40** (Marks: 1)

Following is NOT true about Virtual memory.

Choices:

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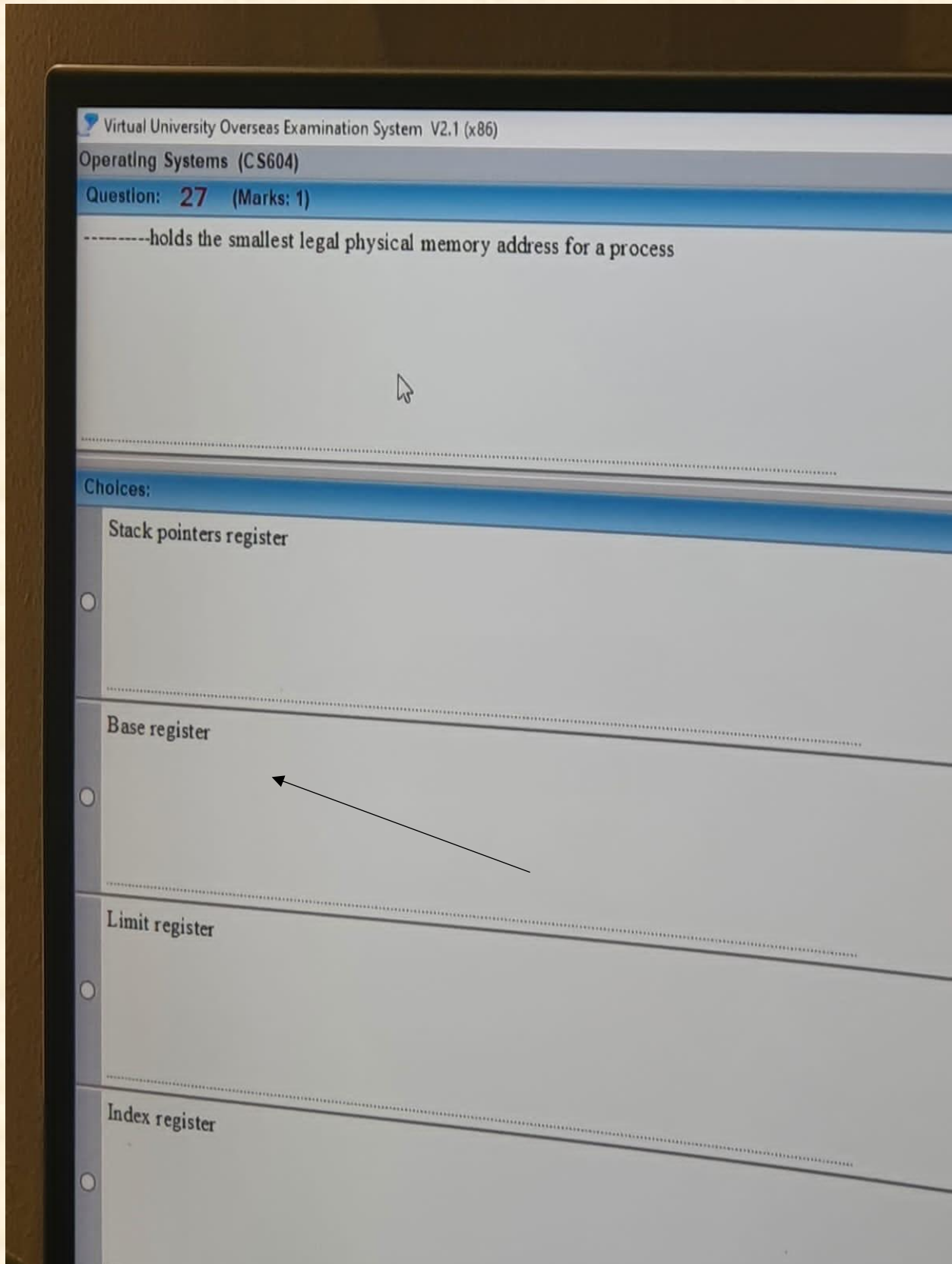
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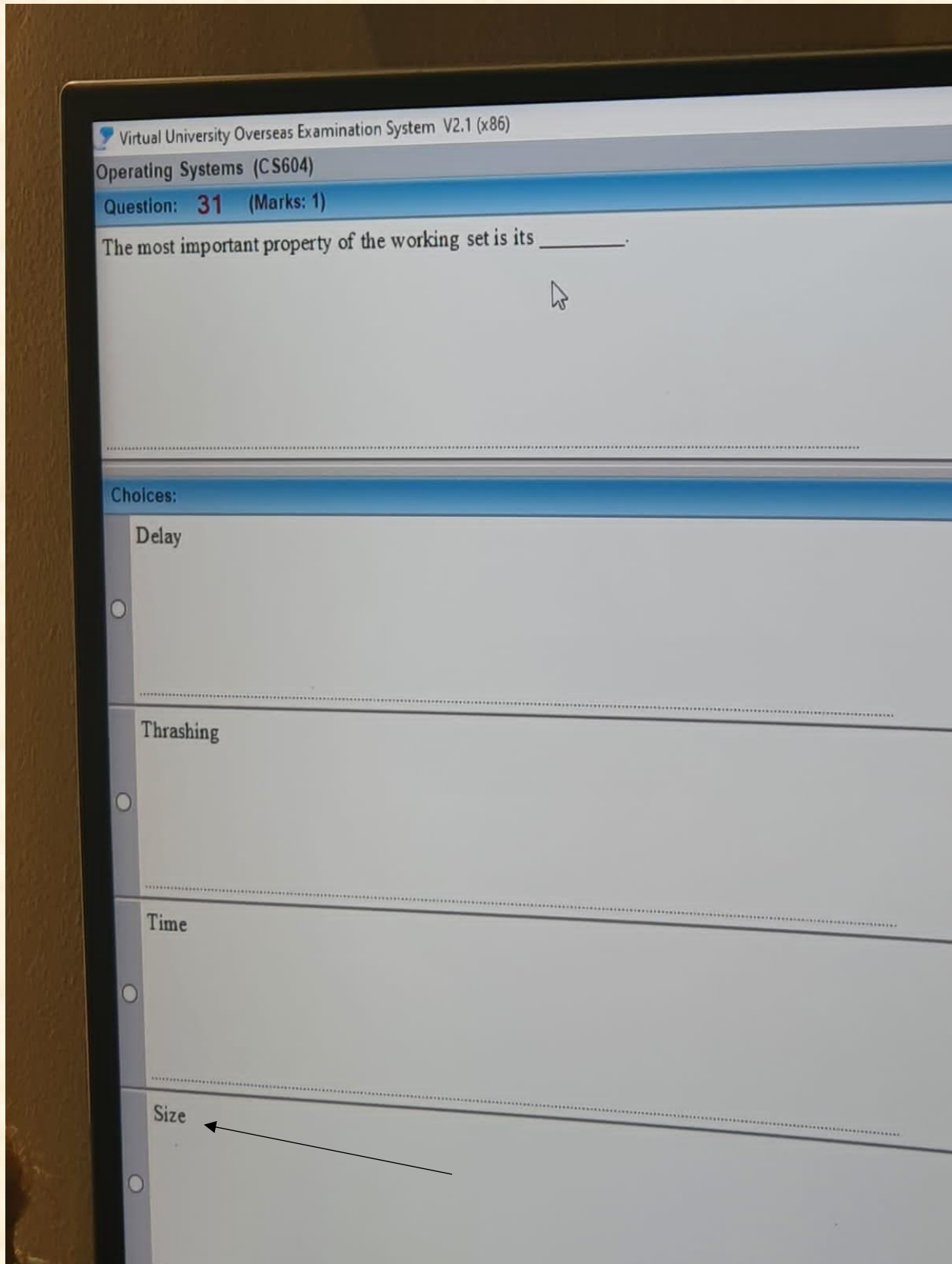
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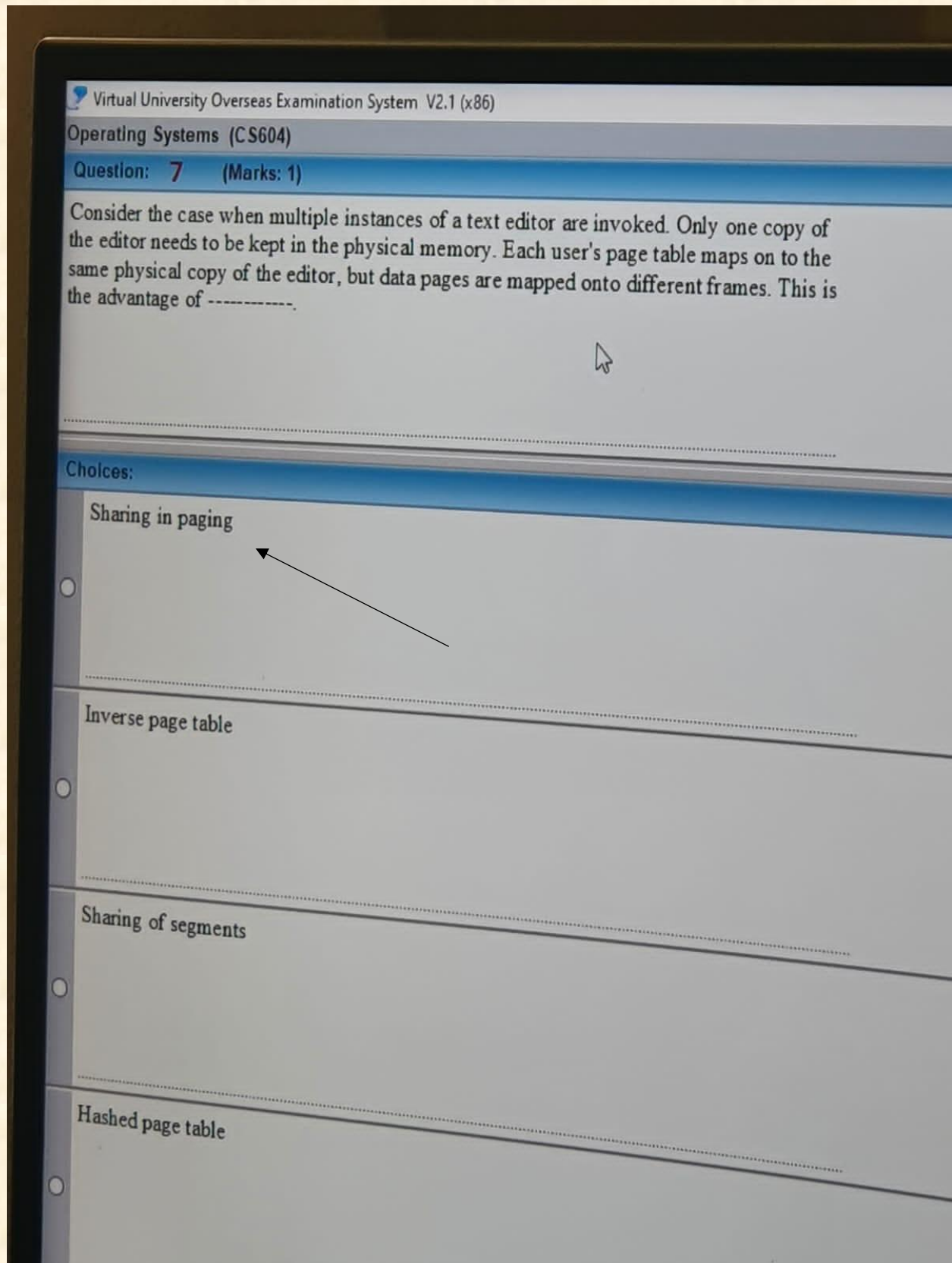


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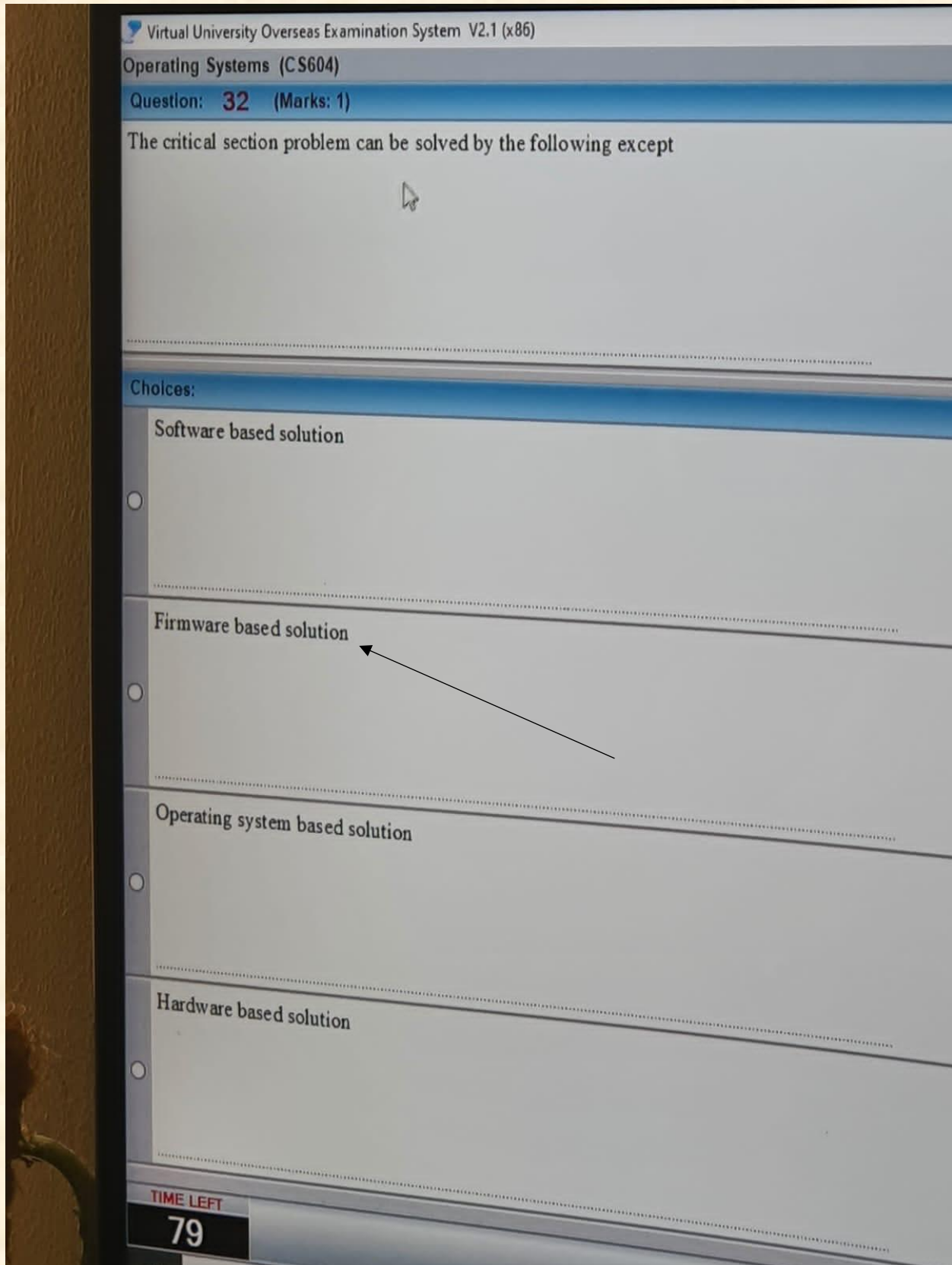
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Operating Systems (CS604)

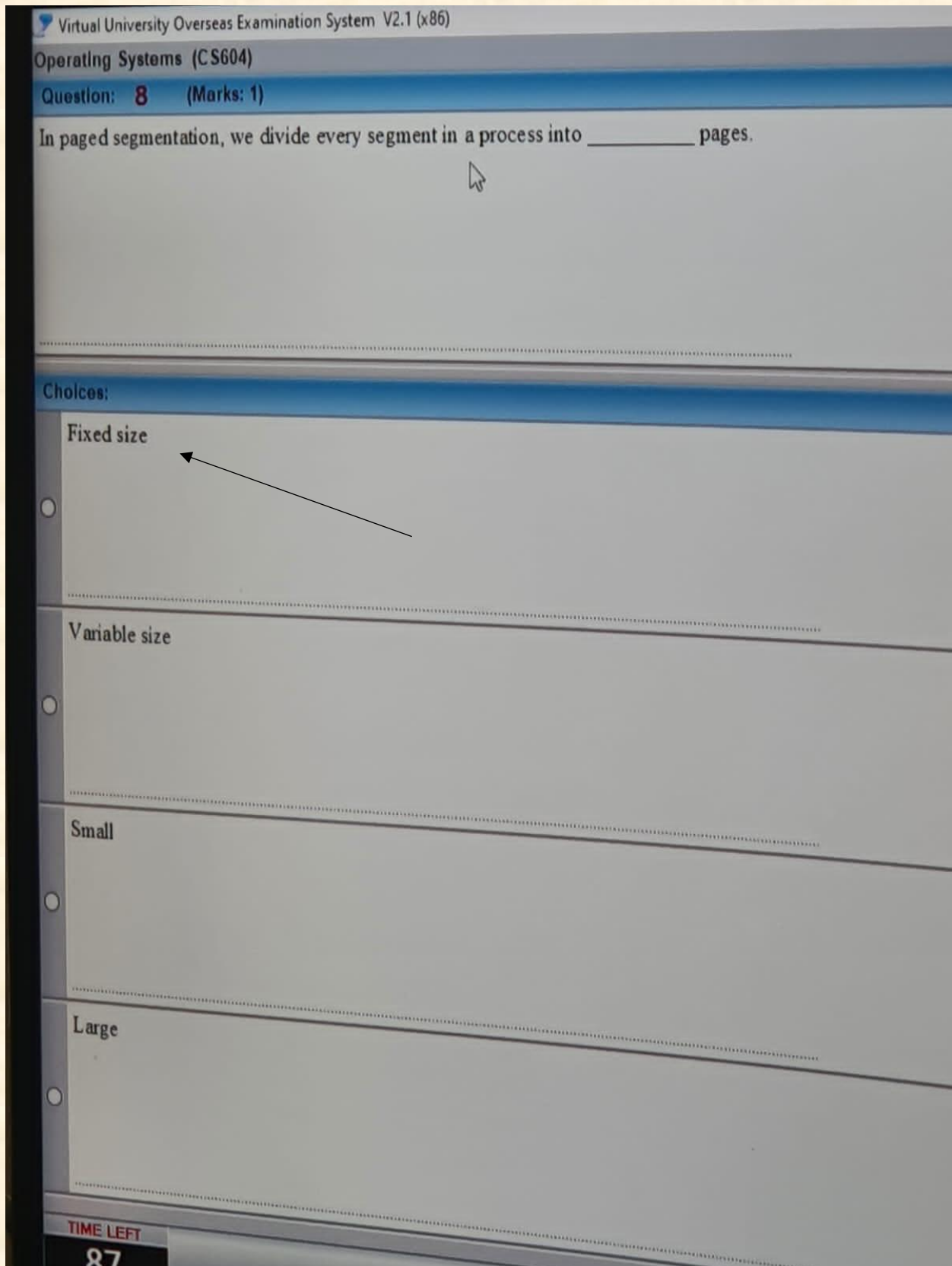
Question: **8** (Marks: 1)

In paged segmentation, we divide every segment in a process into _____ pages.

Choices:

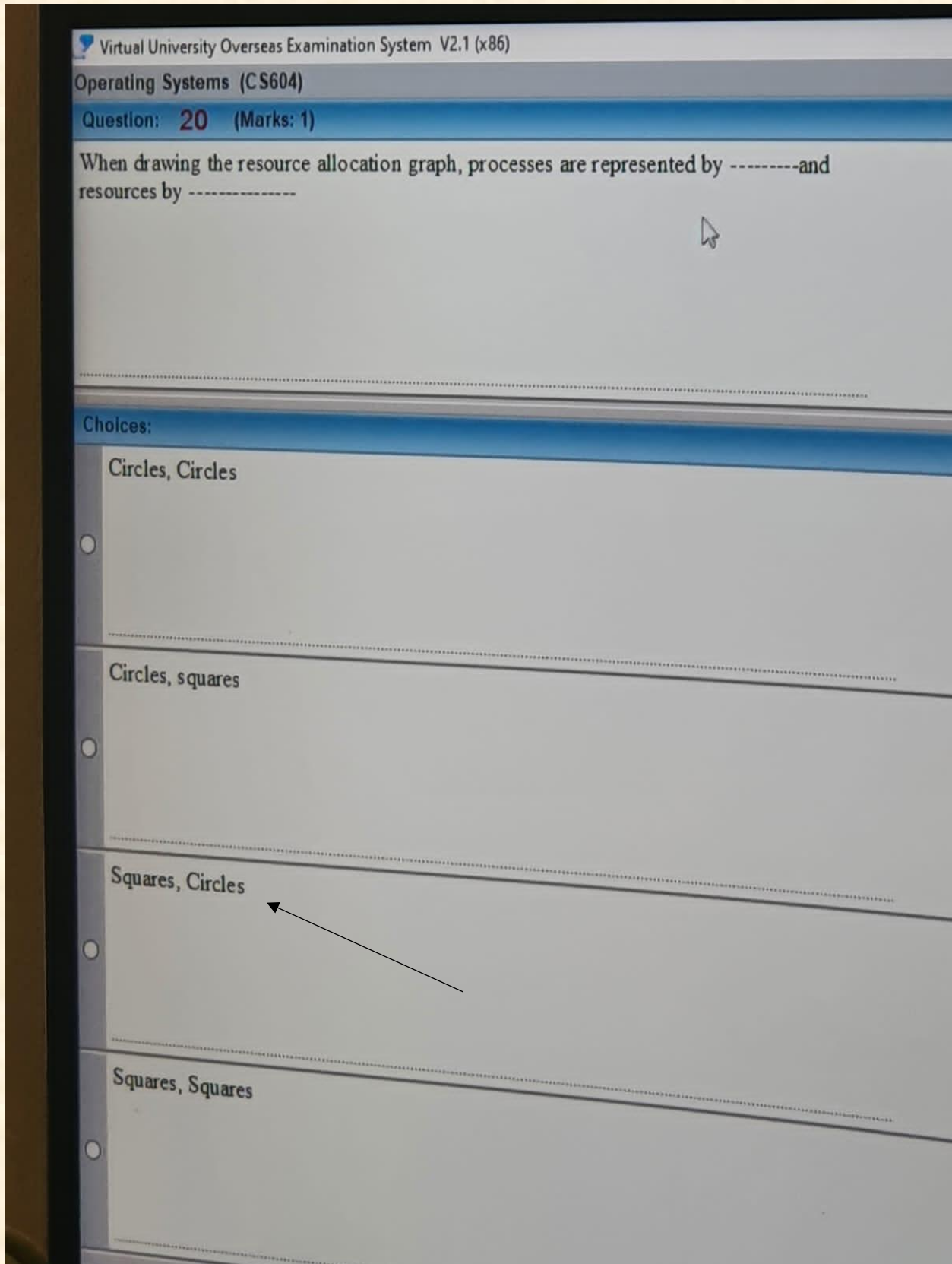
- Fixed size
- Variable size
- Small
- Large

TIME LEFT
87



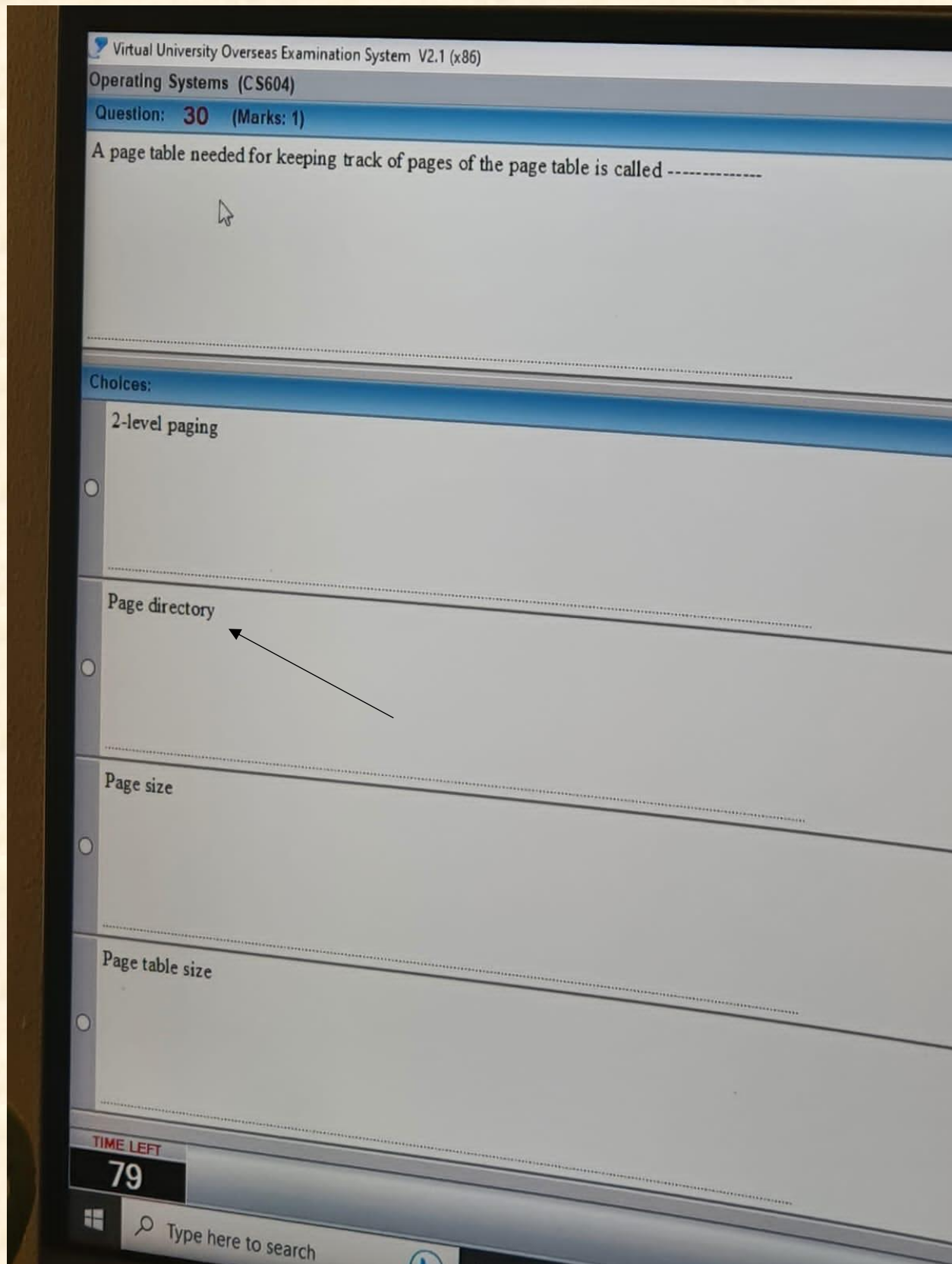
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Virtual University Overseas Examination System v2.1 (x86)

Operating Systems (CS604)

Question: **39** (Marks: 1)

_____ is a type of semaphore which is useful in multiprocessor system.

Choices:

- Spinlocks ←
- Mutual Exclusion
- Busy Waiting
- Progress

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