

CSE 321

Home Quiz - 04

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Section: 07

Ars 1: ~~at allocation~~ : main memory block totaling

main memory 98 bytes per block containing 24

number of frame = 12

$$\text{frame size} = \frac{48}{12} = 4 = 2^2 \text{ enough pages are}$$

$$22 - \underline{\begin{array}{l} 10 \\ 5 \end{array}} \underline{\begin{array}{l} 10 \\ 2 \end{array}} \quad 9 \times 4 + 2 = 36 + 2 = 38$$

box is full. Circles 2nd of problem

29 - ~~11101~~: No, 29 invalid.

~~method~~ address not has

~~not has~~ invalid. start of block

neither off ... reason: ~~start of~~ physical address

27 - ~~11011~~: No: 27 physical address

~~method~~ invalid ~~going to read~~ also invalid.

~~method~~ off. choose 2nd as

valid. address off to read or off

translates to reading off

Ars 2: The allocation of arrays in ~~nam~~ which is

similar to ~~contiguous~~ contiguous allocation use for processes

where ~~one~~ a process's array is allocate

in a single block of contiguous memory address.

Here the main problem ~~with the's~~:

, the method is

external fragmentation ~~when~~:  
One solution for  
this problem, Paging or Segmentation  
which allow arrays to store in the address  
non contiguous memory so it can be a  
possible solution.

### Ans 3

According to the scenario it is fixed  
partition allocation mechanism.  
Memory divide into fixed size partition  
~~according to the process~~ the certain  
number of process occupy them and  
in this scenario the list capacity limits  
the number of people which is limited  
to fixed portion of memory.

Ans 4

In this scenario, bob method is similar to best fit dynamic allocation ~~method~~. In this method data allocated to the smallest available space and minimize waste space.