19005098 - WALES -Differentiate and explain Contiguous. file allocation system & linked list allocation Linked list Contiguous allocation Allocation => Here, each file is Z) Here, each tiles occupy a linked list of a contiguous set disk blocks, so; of blocks on the =) It is not => It is contiguous contiguous => Directory entry =) Directory entry entry · contains a pointer contains) pointing to starting Address of starting and ending file Block block =) each Block contains >> length of allocated pointer to next block portion => File Blocks are Both seavential and distributed randomly dired access use on clisk supported. => flexible in terms Not Mexible in Homs of file size of file size

19008099 (2) =) It is slow! 3 It is extremely fast =) It does not =) It suffers from suffer from external both internal and fragmentation. external fragmentation =) It does not It suppost random or direct ofcress support random accession =) Increasing tile size is difficult =) Increasing file Size is easy

10 10100-> It loops over the inode

Structures on the disk, one
block at a time, looking for

one that is marked free.

ces pathnames to any type of Unix file.

-) Then, it follows each pathname until an endpoint is found

(3) allo(-) It allocates memory within
the current function Stack frame

2) memory allocated is automatically freed

-Cy) ifree - Used for excerting/deleting file.

