```
PART-C
60) A) (1) deep system call
```

Syntan:

6)

mi dup ( me old fd)

old true desurptor whose logy is created.

Hinduide & Stdro 47 #melude ( unvid. h) timede & finte hs Int mainta

open ("fl. the", O-WRONLY (O-APPEND); 7 (Ax 0)

Perror ("From in opening fruin);

int fd1: dup(fd);

write (fai, "Hello world in", 46); conte (fd, " Helloworld In", 51); returno;

(ii) pipe is one way communication we can use pipe tuch that one process write to the pipe and the other process reads from the pipe. The pipe can be used to create and processes for reading and wring

Roch end of the pipe is closed individually using normal closel) System Call.

when reading from pipe read 1, will return tend of the 1 when the write end of the pipe M cluded. if wither end of the 13 still open and there is no data, read 1, will sleep butth input belomes available.

## writing to pipes:

it read end of pipe is wises, a write () will fairle and process will be sent starpept signal. Default sear pape handler terminates.

in a state of the state of the

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6.B)
      (1) echo-c
     Atmende "types. "
     #melude " stal. h"
     findude " Wer. h"
    int man ( intarge, char * arg v ( ))
     f in:;
          tor ( mt 1 = 1 : , i carge ; i++)
              pringl 1, 41/151/15", argvci3, 1+1 (argc)":
                                              " \ n " ) ;
           cute;
   (ti) rm.c
    #Include & types. h"
    #include " Star.n"
```

through "wer.n"

int main (int arge, char "argvers)

{ int i;

if (arge L1) {

frontf(2," usage: rm toles.....\n");

y enotes;

```
for (i=1; i carge', i+e)?

ib (unimk(argvei)e o)?

printf(1, "rm: 1.8 failed to deletel",
break;

g break;

g
```

entti,