(Answer Sheet for online Examination Ang. 2021)
Campus Dehradun Name Roghan Kunar Jone
Univ. Rollno. 2023-081 Student 18 2005/105 Date 27-08-21 Subject name OS. End term Practical Page 1,2,3,4 Course BSc 17 Sem 200 Section A Subject code PB120

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# include (Stalio.L)

on contract

Void main

(Scant ("1.0" & maxsange); Drint ("Inter the naximum range of Disk: "). int quae [25) In teadposition, is, ke, seek -o, max range, difference, temp, queue ((20) que ve 2(20), temp =0, temple o

Print C" Enter the number of queue request:");

print (" Enter the Inittal head position )").

Scapt ("1-0", & head position).

Print (" Enter the disk positions to be read

Muhan

Ank Men

(queve) Hydeher's Signature

```
一人27:
```

Scant ("yd", betemp);

It (temp > headposition)

Temp 1++;

0

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queues (temps) -temp.

or (i=0; istemp1-1; i++)

Dr (j=1+1; j< kmp1; j++)

1 (queue)(i))queue(cj))

temp=queue / i).

queue (Ci) = queuelc;);

```
Jan(i-1),j=0; j<templ; 1++,j++)
queue (i) - queue (i);
```

quere [i] 2 mex range;

queve (1) = queue 2(1);

queue(o)=headposition;

pr(j=0; j20, j++)

Scek = Seek + O'therence;

Print ("Disk lead bemoves from position year to bot dwith sect year position queue Ej) ) queue Ej+1], difference);

print ("Tobal Seek Time = 1.d | n") seek).

Date

Page No.

7

isk head moves from position 24 to 12 with Seek 12 isk head moves from position 12 to 8 with Seek 4 isk head moves from position 8 to 4 with Seek 4 otal Seek Time= 170 ..Program finished with exit code 0 ress ENTER to exit console.