Name: 111/14 111/14 Nuser	for ease of use.	
Which is better Spooling or Buffering: Which is peed OS2 What facilities it provides to		
Which is better Spooling or Buffering? Why we need OS? What facilities it provides to user	Date	
OS TEST		
URDOJ FATIMA		65.0
The state of the s	SE-19017	SEC A
	1. (1)	(- (3/)
Which is better spoding on h	4594	0
	Way ?	
LAH The CRU is initially fa	ster than the I'	nbut output
devices therefore most o	1 the time cpi	Fremdins
idle and with no work.	therefore spooling	gand
bullhering was introduced to		
of the CPU. first we show	denow what by	hering
and spoding actually is	VU	V
Buffering:		
0000		data been
It is a temporary storage	docation where	aud reger
It is a temporary strage transferring to main m	emory is stored in	341001= 1
	for executi	1107/11
ere exactions in main me	mory. Buffering	awias on
single Input output job that	t is the pro	on my
STIGO IMA COOPE O	phose input output	TU BEING
Same job is being done a		tradit of the second
performed.	coming ofuideo is	being wata
Exampleso suppose onance st	and that habber	ns is the
simultaneously while on down hortion of the wideo down	unaded can be	seen. If inte
portion of the video down is fast buyer would be on	reded for small	Hi me ano
		***************************************
The state of the s	r would be requ	4129
10000		1 0/14
for darges time.		
1 0	oγ	line -
Spooling.	us heitheral For	te operation
Spool stands for simulaneo	WS JOS TO STATE OF THE PARTY OF	king is
10 - 11 - 1 - 10 0 1 - 10 0 0 0 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11/WWI	[01.10]
supported consultaneously will	Wile Child R 19100	OTTIPIO
I/O of different job may	mive. Here the	input da
(a)	GL: Teacher's S	ignature
Page No.	Teachers	ignature.

	Date_	
is sent to storage deuk	ie and the inp	uts donor
meed to wait for cpu to	mocen the data	· Simultaneo
large number of input co		
different jobs and store		Aurit me
when the input is to be		Sent to 12:0
memory and memory	sends output to st	orage wx
again lyrom where a	sulput is transpers	ed to
the output device.	$\int_{\mathbb{R}^{n}} \int_{\mathbb{R}^{n}} \int_{$	Ope
		ON
10,700 front x 10 front	CPU	
impulvice-	memori :	device W
		h. Th
(4,5)	tausu 1	
	/ A fair	2
why spooling is better	than by pewing	
Speoling is few more be	90 July 14000 Pull	Loung because &
speoling is few more 15	eder their pag	) Control of the cont
B II all a sullitarding	in a unu tha	t the work
0 1 1/1/2	A A P POR TIME COL	
eavier that is input of	another 10b mai	the sent
earlier that a mount	brocomed	
while one job is trained	vone ulaile the	e requestand
earlier that is input of while one job is being a sering is being a input you a command a	line brogram	s given.
input you a commercial		
(2) specify is faster than the job is 7/0 bound and	burnering weeken	0 400/101
the job is I/o bound and	HILL BROKENITE	e work of
input.		
3) spooling can use whole	e memory of the	ne assu while
s) Sport of white lex	ed uncation	inthe
bullering uses only fox moun memory ten	Car Spending	has more
moun memory. Here	e as spouling	anye data
Storage them the Usheed	increases plus	MIUIC CUCCI
- can be accompact	Medic	Teacher's Signature.
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B2: why we need os? what faulities it proudes to used yor ease of use?.  User yor ease of use?.
1 eon broughts to
roat laulities it proces
aged 05? What
12: why we weed of we.
used for each
suctemitos priveen User anterface
Operating system: tos)  This are inversed and between user and hardware  and provides are a weful and easy interface  and provides are a weful and easy interface
It is any me a well
to the user.
10-11/2 00
Why we need as? main functions.
The os has two main functions.  The os has two main functions.
The os has two main journaline.  OIt auts as virtual/extented machine.
1) It arts as virtual extender management.  (2) It resource management.
e) it in shorted with the help
the and whe os can be allowered
1) It is resource munage.  1) It is resource mun
of the famous fextended maan
.The hardware is extended through a uirtual madrine. The hardware is extended through a uirtual madrine.
olth some is extended through a ultrical trans
The hardware is extended through a wire details from namely of their hides the hardware details from
mamely os these the
the user. and Insuldes harsle gree working
the user.  The frotests user and froughts harsle gree working on perience as everything is only few steps aways.
so, ou et prouder convinent use to user it is mode
to speed up tasks of the syster user effectively and
efficientu.
The os is made efficient and effective in a way that
he os water efficient or in appear on
Ent ensurer maximum utilization of the memory and
resources.
It stores data on dish accurately
Page No. Teacher's Signature.
. "90 "10"

Date
On chooses the most time sawing technique
for the user.
10 context witchioo
(4) Os cleany au content sortening.
(a) Resource manager:
(8) Resource introduction of the company of the com
Ons the computer's are multitasting so, several
processes are being runned at the same time
therefore managina the hardware resources a
distributing it to each job ischallenging but this is
done by os.
@ the of performs manages memory process The
file management etc.
· memory management.
AS COULD INTEGRAL LAND DESKOVING PURCUIS
113 every minor is executed in memoral cardo codin
and pro which task should get more memory
and which should be prioritize is done by os.
- management
CPO is the main procening using
- mocennes Images
in creation autimo and the
wer himself can not do this with machine langu
similarly other resources like managing file storage
The state of the s
more time. Hence os is needed.
) Os procedes protection and security it never
allows unauthorized tasks to be runned. The
But y os does not exist user would've faven to
vulnerabilities Os proces
·OS provides options apparword protection to
ensure security
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1 rdo seale ()
anded as a prod
(9) Lastly, os is meeded as it frow do sealed use to the user ina way that use to the user ina way that
use to the user the
It keeps user away from the pressure of
what has away from the freest.  what has aware is used and how if will manage resources and stores day a distill manage resources and stores day a distill manage shield to hardware.  This an complexity
manage resources corre
application software is hidden by 65
Operating system
Micholinogramming
Hardware Commands Wille
· The user donot need to learn commands while
Lina a (11) as a barrent
so user can do work only or few cicus
machine dearning actually is and how low leve
NOUP IS GENERALLED US THU OUT OF SOME
handled by the os in background.
ous hides détaits like that business interrupt
fimer, scheduling all this is done by os and
user donot need to schedule tesus.
. It proupoles a reliable support as if he runs
things in machine code then a mistake of
one command would distrupt system but
it is done by 05-
. The user not need to allocate memory equals
to tasks this will be cleanly done by the os
and it allocates and deathocates memory
convinantly.
· user do not need to worry how data stored
Page No

Date-	1
in tracyks and sectors as a deam view of	
in tracyks and sectors as yiles is showed by Os.	
couler word from for	
Hence, 03 saver 050 f. Fime wasting tasks.	
4.7	
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