		No.
	Raziaiznan Petrandi	Date :
	TUSO LOLOMPOUR PEAT 3	= 1
I(a.)	Julis rong eleption den tentum lee honnerser	n 6M)
	Costi, coszii, cos 3ti, cos 4ti	
	9 16	•
	=) runus elispiniz -) an= cos n TT	, 1415 <u>.</u> .
	(n) ²	
	=) kaleoner genan	
	Lim Cos ntt	
	n-) 00 n2	
	reorena apit	
	-1 = cos nt {	
	-1 cosna C1	
	U2 U2	
	(+)lim -1 = 0 (+) lim 1	<u> </u>
	1700 M2	
	make lim Cosnii = 0	
	N-> D 12	
	Jadi barisan { an 3 konversen la	O

	Date:
	Raziaizzan Putrandi
	Termin kernonotonen, kererbatasan den linit dari?
	an = Sin + T
0	monutes an -anti
	sin(nil - sin (n+1) il =) tidah naih don tidak hom
	(4) (=) belien bordan monoton
	To the second se
	101-
(+)	lim Sin nt
	n-) 00 (4.0) 0x (1) 40
	regreme and
	1 & sin my 4 medial of the order
	(2) karona yang stara mengenit berbeder maka (ang tidah memilih
	1 mit den divergen serta fidali memilili batas
	d max = ?
(2.(a)	Thishen remais phippings don fentilen heckonvergences
	1, -1, 1, -1, -1
	2 3 4 5 6
()	runs elistitit -) an= (-1)^n-1
	<u></u>
(F)	1:m (-1)n1 1 = lin (-1)n-1
	n-)00 n n-)00 n
	= lin = 0.
	n-)00 n
	=> boron { an 3 konversin W D:
	2 un) concerser so.
	STDU)

No.

1		No.
	Razioizzan putrandi	Deta :
12.(c.	Tentilion le mondonon, leterbatesen den 1	inst (sila asa)
	$a_{n} = \ln n$ $\{0, 0.34, 0.36\}$	0.34, 0.32
	n	M. 112
	Monoton	
	$\alpha(x) = 10x$	15 /
	X	
	a)(x)= /x · x - Inx = 1 - Inx	
	x ² x ²	rest of the second
	(=) al(X) (O hon, sina x E (e, \infty)	J [
	=) a'(x) 70' nain' >in' x f (0, e)	767/
	maka 2 an 3 buhan barisan monor	en
		2000
	lety the constitution of t	1 divine the same
		, n
		The state of the s
	lim lnn -100	
	11-100 N 00	
	$\lim_{n \to \infty} \frac{1}{n} = 0$	1.45
	n-)∞	
	=) malia barisén { an 3 konversion he C) dan terbata, sanni (
	,	
3. (a.)	Thorum runs elisping: don he kon	were , non
	0,9, 0.99, 0.999, 0.9999	3~
<u> </u>	runs elipion -) an = 100 -1	; .
1		E

	No.
	Rartol ran e. Date:
7) ke honversenen
	lim 10°-1 : lim to (1 - 10°)
	n-)00 10 n-200 top
	= lim 1-1 = 1 0 R
	n→∞ 10n
	=) barron {ang konverser les 1
	; = - , b : <u>s</u>
3. (c.) kemonotonon, keterbateren den limit.
	$a_n : n!$
	10 ⁿ
CA CA	lectronatoren
	{ 1/10, 1/50, 3/500, 3/500, 3
	-> male bersen lang monoton turn.
()	lim n! = lim n(n-1)(n-2) 3.2.1
	n-100 100 n-200 10.10.10.10
	= lim n, n-1, n-2, 3, 2, 1
	10 10 10 10 10 10 10 10 10 10 10 10 10 1
	=) dapat disimplikan bahwa fang tisah
	terburas dan divergen

	NO.
	(anguten tusas Individu Pert 3.
	tassen Razioizzan perrandi
1 ()	Di4: fang konvergen he A dan éting konversen he B
	Bultilion (dergan popinisi limit), 2 ant br 3 leoniersen les
	A+B
	sawab i
	(1) fang konversen lee A man lin an= 14
	n-) a +
	Sehinssa E>0 berah :
	an - A ∠ /2 €
	(f) { bn } konversin le B maiser lin bn = B
	n-jab sile in,
	Sehinssa & 70 berious:
	16n-131 ∠ 1/2 €
	(PHUh N = Max { NI, Nr 3, DIPERULL:
	an+bn-(A+B) = (an-A) + (bn-B)
	$\leq \{an - A + bn - B \} $
	2 /2 8 + 1/2 8
	= E
	(+) Terbulti balue lin (an+bn) = A+B
	n-1∞
\exists	
\exists	
\exists	
	EDIT
	(Single Single S

$$\frac{3-8.2^{n}}{5+4.2^{n}}$$
 $\frac{3-16^{n}}{5+8^{n}}$ $\frac{3-16^{n}}{5+8^{$

$$\frac{3n-1}{1m} \frac{n+3}{n+3} = \frac{1+0}{n} = \frac{1}{3}$$

$$\frac{3n-1}{n-3} = \frac{1+0}{n} = \frac{1}{3}$$

$$\frac{3n-1}{n-3} = \frac{1+0}{n} = \frac{1}{3}$$

$$\frac{3n-1}{n-3} = \frac{1}{n} = \frac{1}{3}$$

$$\frac{3n-1}{n-3} = \frac{1}{n} = \frac{1}{3}$$

$$\frac{3n-1}{n-3} = \frac{1}{n} = \frac{1}{3}$$

$$n-100$$
 $3n-1$ $\frac{3n}{n}-\frac{1}{n}$ $3-0$ 3