	Regular Expression
	MOLECULA TOUR PAGE: G
on A	Regular expression or ratio
1 40.	expression in a requeree al
	Regular expression or rational expression is a sequence of characters that define a
	search pattern.
	- gu . + n c rd Lowellot d Ill
	The designed
	Operations on Regular Language
	100
7.	Union It L&M are 2
	oregular languages then
	their union LUM is also a
	union
	LUM= ¿S S is include si
5 1	in M]
2.	Intersection: Tp (1-20) Marie 2
7-	regular languages
	then their intersection is also an
3	then their intersection is also an intersection
	1 AM = 2 st 1's is in 1 and
	t in In M]
-	
3.	Kleen closure: It Lisia
A.P.	regular language
مع المدل الم	then its kleen closure
·	Kleen closure: If Lisia egular language then its kleen closure. L1 * will also be a regular language.
	Ilanguagie Al
2	1 = 7090 od more occurent of language 1.
	of language 1:
No.	

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ate language accepting all the storing in which any number of oils is followed by any number of oils is followed by any number

Ans. a's no. = a^* b's || = b^* c's || = a^*

in Royal at of

ar white the regular expression for the language over $z = \{0\}$ having even length of string

sol. The enegular expression has to build the language

L = { 8, 00, 0000, 000000, ...}

1,000 R = 11 COO)* 0 WATE

Q3. Write the regular expression
for the language having a
storing which should have alleast one o and at least one i

Ans. R = [(0+1)* 0(0+1)* 1 (0+1)*]

- [(0+1)* 1 (0+1)* 0 (0+1)*]



