

## 1.2 RAT

1. There is an ambiguity in the following headline:  
"Ban on Nude Dancing on Governor's Desk"  
Choose the intended reading  
A) [Ban on [Nude [Dancing on Governor's Desk]]]  
B) [Ban [on Nude Dancing]] [on Governor's Desk]  
C) [[Ban on Nude] Dancing [on Governor's Desk]]  
D) [Ban on [[Nude Dancing] on Governor's Desk]]
2. Which of the following common spelling of Britney Spear's first name are not covered in this regular expression:  
`brit*[ea]?ne?y`  
A) brittney  
B) britiney  
C) britney  
D) britany
3. Consider the phone number: (555) 555-5555  
Which of the following regular expressions can match this number?  
A) `[0-9]{2,4} [0-9]{2,4}-[0-9]{2,4}`  
B) `[0-9]{3} [0-9]{3}-[0-9]{4}`  
C) `\([0-9]{2,4}\) ([0-9]{2,4})-([0-9]{2,4})`  
D) `([0-9]{3}) [0-9]{3}-[0-9]{4}`
4. Which of the following strings doesn't match the regex:  
`/[a-z]+'[a-z]+/`  
A) `cat's`  
B) `rock 'n' roll`  
C) `isn't`  
D) `shan't`
5. Match the following regular expressions with the string they match:  
(A) `^(https?:\\\/\\\/)@([\\da-z\\.-]+)\\.([a-z0-9_-]{3,16})$`  
(B) `^(https?:\\\/\\\/)?([\\da-z\\.-]+)\\.([a-z\\.] {2,6})([\\\/\\w \\.-]*)*\\/?$`  
(C) `^([a-z0-9_\\.-]+)@([\\da-z\\.-]+)\\.([a-z\\.] {2,6})$`  
(D) `^[a-z0-9_-]{3,16}$`  
  
(1) `my-us3r_n4m3`  
(2) `http://www.nltk.org/book_1ed/ch03.html`  
(3) `alessandro@galvanize.com`  
(4) *none of the above*