1. What is the name of the feature responsible for generating Regex objects?

The re. compile() function returns Regex objects

2. Why do raw strings often appear in Regex objects?

Raw strings are used so that backslashes do not have to be escaped. ... The group() method returns strings of the matched text.

3. What is the return value of the search() method?

The search() method searches a string for a specified value, and returns the position of the match. The search value can be string or a regular expression. This method returns -1 if no match is found.

4. From a Match item, how do you get the actual strings that match the pattern?

The group() method returns strings of the matched text.

5. In the regex which created from the ‘(\d\d\d)-(\d\d\d-\d\d\d\d)’;, what does group zero cover?

Group 2? Group 1?

The group() method returns strings of the matched text.

6. In standard expression syntax, parentheses and intervals have distinct meanings. How can you tell

a regex that you want it to fit real parentheses and periods?

7. The findall() method returns a string list or a list of string tuples. What causes it to return one of

the two options?

findall() Return all non-overlapping matches of pattern in string, as a list of strings. The string is scanned left-to-right, and matches are returned in the order found.

8. In standard expressions, what does the | character mean?

Vertical Bar ( | ) Matches any one element separated by the vertical bar (|) character.

Example : th(e|is|at) will match words - the, this and that

9. In regular expressions, what does the character stand for?

A character set is an explicit list of the characters that may qualify for a match in a search. A character set is indicated by enclosing a set of characters in brackets ([ and ]). For instance, the character set [abz] will match any of the characters a, b, or z, or a combination of these such as ab, za, or baz.

10.In regular expressions, what is the difference between the + and \* characters?

The asterisk symbol ( \* ):

It tells the computer to match the preceding character (or set of characters) for 0 or more times (upto infinite).

Example : The regular expression ab\*c will give ac, abc, abbc, abbbc….ans so on

The Plus symbol ( + ):

It tells the computer to repeat the preceding character (or set of characters) for atleast one or more times(upto infinite).

Example : The regular expression ab+c will give abc, abbc,abbc, … and so on.

11. What is the difference between {4} and {4,5} in regular expression?

It tells the computer to repeat the preceding character (or set of characters) for as many times as the value inside this bracket.

12. What do you mean by the \d, \w, and \s shorthand character classes signify in regular

expressions?

/s : matches any whitespace characters such as space and tab

/d : matches any digit character

/w : matches any word character (basically alpha-numeric)

13. What do means by \D, \W, and \S shorthand character classes signify in regular expressions?

S : matches any non-whitespace characters

/D : matches any non-digit characters

/W : matches any non-word character

15. What is the syntax for matching both numbers and lowercase letters with a character class?

\n|(a-z)

16. What is the procedure for making a normal expression in regax case insensitive?

There are two ways to make Regular Expression case-insensitive:

Using CASE\_INSENSITIVE flag.

Using modifier.

17. What does the . character normally match? What does it match if re.DOTALL is passed as 2nd

argument in re.compile()?

If re. DOTALL is passed as the second argument to re. compile(), then the dot will also match newline characters.

19. What does passing re.VERBOSE as the 2nd argument to re.compile() allow to do?

VERBOSE as the second argument to re. compile() allow you to do? The re. VERBOSE argument allows you to add whitespace and comments to the string passed to re.

th a period? This regex should be case-insensitive. It must match the

following:

&#39;Alice eats apples.&#39;

&#39;Bob pets cats.&#39;

&#39;Carol throws baseballs.&#39;

&#39;Alice throws Apples.&#39;

&#39;BOB EATS CATS.&#39;

but not the following:

&#39;RoboCop eats apples.&#39;

&#39;ALICE THROWS FOOTBALLS.&#39;

&#39;Carol eats 7 cats.&#39;