Answer 1: The re.compile() function returns Regex objects.

Answer 2: Raw strings are used so that backslashes do not have to be escaped.

Answer 3: It returns a match object if found. If multiple occurrences are present ; then only the first occurrence of the match is returned. If no match is returned then it will return ‘None’.

Answer 4: The group() method returns strings of the matched text.

Answer 5: Group 0 is the entire match, group 1 covers the first set of parentheses, and group 2 covers the second set of parentheses.

Answer 6: Periods and parentheses can be escaped with a backslash: \., \(, and \).

Answer 7: If the regex has no groups, a list of strings is returned. If the regex has groups, a list of tuples of strings is returned.

Answer 8: ‘|’ does not allow the capture group ID to be incremented for all enclosed capture groups.

Answer 9: Question inconclusive.

Answer 10: The star quantifier( \* ) means that the preceding expression can match zero or more times it is like {0,} while the plus quantifier( + ) indicate that the preceding expression MUST match at least one time or multiple times and it is the same as {1,}

Answer 11: The {3} matches exactly three instances of the preceding group. The {3,5} matches between three and five instances.

Answer 12: The \d, \w, and \s shorthand character classes match a single digit, word, or space character, respectively.

Answer 13: The \D, \W, and \S shorthand character classes match a single character that is not a digit, word, or space character, respectively.

Answer 14: Both the expressions are same.

Answer 15: Either [0-9a-z] or [a-z0-9]

Answer 16: re. IGNORECASE : This flag allows for case-insensitive matching of the Regular Expression with the given string

Answer 17: The . character normally matches any character except the newline character. If re.DOTALL is passed as the second argument to re.compile(), then the dot will also match newline characters.

Answer 18: X drummers, X pipers, five rings, X hens

Answer 19: The re.VERBOSE argument allows us to add whitespace and comments to the string passed to re.compile().

Answer 20: re.compile(r'^\d{1,3}(,\d{3})\*$')

Answer 21: re.compile(r'[A-Z][a-z]\*\sNakamoto')

Answer 22: re.compile(r'(Alice|Bob|Carol)\s(eats|pets|throws)\s(apples|cats|baseballs)\.', re.IGNORECASE)