Q1. What is the benefit of regular expressions?

Ans: Regular expression helps the programmers to validate text string.

Q2. Describe the difference between the effects of "(ab)c+" and "a(bc)+." Which of these, if any, is the unqualified pattern "abc+"?

Ans: Make sure that all words are spelled correctly.

Try different keywords.

Try more general keywords.

Try fewer keywords.

Q3. How much do you need to use the following sentence while using regular expressions?

Q4. Which characters have special significance in square brackets when expressing a range, and under what circumstances?

Ans: A set is a set of characters inside a pair of square brackets [] with a special meaning: Set. Description.

Q5. How does compiling a regular-expression object benefit you?

Ans: can specify a number of options modifying the way that Python will treat the regular expression.

Q6. What are some examples of how to use the match object returned by re.match and re.search?

Ans: re. match() searches for matches from the beginning of a string while re.search() searches for matches anywhere in the string.

Q7. What is the difference between using a vertical bar (|) as an alteration and using square brackets as a character set?

Ans: is used to provide 'or' functionality when used within ()'s, while the [] denote character classes, as in match any of the characters/symbols inside the [] for the specified number of characters denoted by the following ? \*+{#} specifiers, or if a ^ is used, it means don't match that symbol.