Started on	Monday, 17 February 2025, 7:40 PM
State	Finished
Completed on	Monday, 17 February 2025, 7:44 PM
Time taken	3 mins 41 secs
Marks	10.00/10.00
Grade	**100.00** out of 100.00

Question 1

1.00/1.00

Which of the following text when matched with the regular expression "[a-zA-Z&&[^aeiou]]+" will return true?

Select one or more:

- a. must
- ☑ b. My ✔
- ☑ c. cry ✔
- d. Good

Your answer is correct.

The correct answers are: My, cry

Question 2

1.00/1.00

What is the regular expression to match any date in the format "yyyy-mm-dd" in a string?

Select one:

- ● \d{2}/\d{2}/\d{4}
- ● \d{4}/\d{2}/\d{2}
- ● \d{2}-\d{2}-\d{4}
- ● \d{4}-\d{2}-\d{2} ✔

The correct answer is: \d{4}-\d{2}-\d{2}

Question 3

1.00/1.00

In a regular expression, the pattern 00 means, 0 occurs exactly two times.

Select one:

- ● True ✔
- ● False

The correct answer is 'True'.

Question 4

1.00/1.00

What is the regular expression to match a whitespace character in a string?

Select one:
- ● \s ✔
- ● \d
- ● \w
- ● \S

The correct answer is: \s

Question 5

1.00/1.00

The first name of a person should contain only alphabets and space.

Which of the following regular expression will match the requirement?

Select one:
- ● a. [a-zA-Z]+ ✔
- ● b. [a-zA-Z]
- ● c. [\\s]
- ● d. [\\s]+

Your answer is correct.

The correct answer is: [a-zA-Z]+

Question 6

1.00/1.00

What is the regular expression to match any email address in a string?

Select one:
- ● [A-Za-z0-9.%+-]+
- ● [A-Za-z0-9.%+-]+@[A-Za-z0-9.-]+
- ● [A-Za-z0-9.%+-]+@[A-Za-z0-9.-]+.[A-Z|a-z]{2,} ✔
- ● [A-Za-z0-9.%+-]+.[A-Z|a-z]{2,}

The correct answer is: [A-Za-z0-9.%+-]+@[A-Za-z0-9.-]+.[A-Z|a-z]{2,}

Question 7

1.00/1.00

Consider the below statements.

Statement 1 : Matcher class interprets the pattern in a String

Which of the following is true?

Select one:

○ a. Statement 1 alone is correct.

● b. Both Statement 1 and 2 are incorrect.

● c. Statement 2 alone is correct.

● d. Both Statement 1 and 2 are correct✔

Your answer is correct.

The correct answer is: Both Statement 1 and 2 are correct

Question 8   1.00/1.00

What is the regular expression to match a digit (0-9) in a string?

Select one:

● [a-zA-Z]

● [a-z]

● [A-Z]

● [0-9]✔

The correct answer is: [0-9]

Question 9   1.00/1.00

Predict the output of the below code :

```java
import java.util.regex.*;
public class TestRegEx{
    public static void main(String args[]) {
        Pattern p = Pattern.compile(".ech");
        Matcher m = p.matcher("tech");
        boolean b = m.matches();
        System.out.println(b);
    }
}
```

Select one:

○ a. true✔

● b. false

● c. compile time error

● d. Runtime Error

Your answer is correct.

The correct answer is: true

Question 10

1.00/1.00

\B means 'A word boundary'

Select one:

● True

● False ✔

The correct answer is 'False'.

Your answer is correct.

The correct answer is: true

Question 10

1.00/1.00

\B means 'A word boundary'