

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATIONS-2023

B.Tech-V Semester (BI/BT)

COURSE CODE (CREDITS): 18B11BI512 (3)

MAX. MARKS: 15

COURSE NAME: Scripting Languages for Bioinformatics

COURSE INSTRUCTOR: Dr. Tiratha Raj Singh

MAX. TIME: 1 Hour

Note: All questions are compulsory. Marks are indicated against each question in square brackets.

Q1. What will be the output of the following code:

[CO:1; Marks: 2]

```
<PRE> s o m e text of MY INTEREST
```

```
More t e x t here... </PRE><BR>
```

```
<ADDRESS> Department of BT and BI <br> JUIT, Wagnaghat. </ADDRESS>
```

Q2. Draw a basic rule unit with all its components in CSS

[CO:2; Marks: 2]

Q3. Write a HTML code where cell spacing and padding along with other table elements and their respective properties will be utilized properly.

[CO: 1; Marks: 3]

Q4. Write HTML code to generate following output:

[CO: 1; Marks: 3]

1. A list of bioinformatics tools:

Blast

- most popular tool

Clustal

specific MSA tool

2. A list of Phylogenetic tools:

▪ Phylip

▪ Phylodendron

Q5: Implement CSS features to represent the positioning and visibility priorities of the objects in a webpage while managing the whitespace also.

[CO: 2; Marks: 3]

Q6. Design a form in HTML for the usage of text box, text area, radio and check boxes along with buttons.

[CO: 2; Marks: 2]