

Dr Tirath Ray

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST -2 EXAMINATION, OCTOBER 2018

B.Tech (BI) 5th Semester

Course Code: 10B11BI512

MAX. MARKS: 25

Course Name: Scripting Languages for Bioinformatics

Course Credits: 04

MAX. TIME: 1.5 Hr

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

Q.1. Describe positive and negative features of Java Script *w.r.t.* their implementation towards programming principles. [CO: 2, 3] (3)

Q.2. Define following terms with an example of each: [CO: 1-4] (1*10=10)

- | | |
|----------------------------------|-------------------------------|
| (a) Query String in browser | (b) HTML protocols |
| (c) Fill round attribute | (d) Image maps |
| (e) DOM | (f) Positioning system in CSS |
| (g) Date and time in Java Script | (h) WYSIWYG |
| (i) TYPE and START attributes | (j) Object instance |

Q.3. Write programs in java Script to implement following functions: [CO: 2, 3] (1*5=5)

- | | | |
|----------------------|--------------|-----------------|
| (a) ceil() | (b) split() | (c) substring() |
| (d) getElementById() | (e) splice() | |

Q.4. Implement CSS in a Java Script and HTML combo program towards a user entry data form. [CO: 1-3] (3)

Q.5. What are events and event handlers in Java Script? Implement any three events in JS to demonstrate their capability to prove that JS is an event driven language. [CO: 3, 4] (4)