Assignment 11

The due date for submitting the assignment has passed.
As per our records you have not submitted the assignment.

1. The name, John Smith, is a
   a. Name of a person
   b. Name of a city
   c. Name of an inventor
   d. Family names of its authors

   No, the answer is incorrect.

2. The command to print column S and E from the data 1 result is
   a. `awk -print $S, $E` data 1 result!
   b. `awk -print $S, $E` data 1 result!
   c. `awk -print $S, $E` data 1 result!
   d. `awk -print $S, $E` data 1 result!

   No, the answer is incorrect.

3. In print, which letter is used to format strings
   a. f
   b. s
   c. d
   d. a

   No, the answer is incorrect.

4. If P is 50%, to get the CI coordinates
   a. `awk -print $Q & $S+Ci` print!
   b. `awk -print $Q & $S+Ci` print!
   c. `awk -print $Q & $S+Ci` print!
   d. `awk -print $Q & $S+Ci` print!

   No, the answer is incorrect.

5. Which of the following is a real value prediction in bioinformatics?
   a. Prediction of site and not filtering proteins
   b. Prediction of finding rates of proteins
   c. Prediction of how long and the affinity protein-patien complexes
   d. Prediction of stabilizing and destabilizing mutants

   No, the answer is incorrect.

6. For classification problems, which of the following is the best measure for evaluating the performance?
   a. Accuracy
   b. Pearson's correlation
   c. Sensitivity and specificity
   d. All the above

   No, the answer is incorrect.

7. For the following assignment G (positive), what is the sensitivity?
   a. 80.8%
   b. 80.5%
   c. 71.4%
   d. 21.4%

   No, the answer is incorrect.

8. AUC for a perfect ROC curve is
   a. 0.0
   b. 0.5
   c. 0.78
   d. 1.0

   No, the answer is incorrect.

9. ROC is a trade-off between
   a. Sensitivity and 1-specificity
   b. Sensitivity and specificity
   c. Sensitivity and accuracy
   d. Accuracy and 1-sensitivity

   No, the answer is incorrect.

10. Which of the following equation is correct if the correlation between two sets of data A and B is 0.7
    a. A = B + 0.5
    b. A = B + 1
    c. A = B + 1
    d. A = B

    No, the answer is incorrect.

Due on 2020-04-15, 23:59 HST.