First and last name .....

Question 1/10

A feature F1 can take certain value: A, B, C, D, E, & F and represents grade of students from a college. Which of the following statement is true in following case?

A. It doesn't belong to any of the above category.
B. None of these
C. Feature F1 is an example of nominal variable.
D. Feature F1 is an example of ordinal variable.

Question 2/10

Support Vector Machines make non-linear classification possible by

A. It is not a nonlinear classifier
B. None of the above
C. Kernel Trick
D. Margin

Question 3/10

Choose the correct statement(s) for an imbalanced dataset classification problem.
I. Accuracy metric is not a good idea for imbalanced class problems.
II. Accuracy metric is a good idea for imbalanced class problems.
III. Precision and recall metrics are good for imbalanced class problems.
IV. Precision and recall metrics aren't good for imbalanced class problems.

A. IV and III
B. I ,II,1IV
C. I and III
D. I and II

Question 4/10

In multiclass classification problems, the output layer of neural network will use _____activation function to give the probabilities for different classes.

A. Softmax
B. Sigmoid

C. All of the above
D.
RelU

Question 5/10

Choose the correct option for hierarchical clustering.
I. Agglomerative is top-down hierarchical clustering
II. Divisive is bottom-up hierarchical clustering
III. Agglomerative is bottom-up hierarchical clustering
IV. Divisive is top-down hierarchical clustering

A. Only II
B. III and IV
C. Only I
D. I and II

Question 6/10

The effectiveness of an SVM depends upon:

A. Soft Margin Parameter C
B. Kernel Parameters
C. Selection of Kernel
D. All of the above

Question 7/10

The process of adjusting the weight is known as?

A. None of these
B. Activation
C. Synchronization
D. Learning

Question 8/10

_____ classifier is a lazy learner.

A. Naive's bayes
B. KNN
C. svm
D. Decision Tree

Question 9/10

_____ is the way to get visualization of clusters formed in hierarchical clustering.

A. Scatter plots
B. Dendogram
C. Line charts
D. All of the above

Question 10/10

On what factor the number of outputs in neural network depends?

A. None of these
B. Both on distinct classes & inputs
C. Distinct classes
D. Distinct inputs