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Submission View

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Question 1

Which phylogeny method is character-based?

- ☒ Parsimony
- ☐ UPGMA
- ☐ Neighbor Joining
- ☐ All of the above

Question 2

Which phylogeny method considers the idea of molecular clock?

- ☒ Parsimony
- ☐ UPGMA
- ☐ Neighbor Joining
- ☐ All of the above

Question 3

Which phylogeny method preserves the distances in the original data set?



Parsimony



UPGMA



Neighbor Joining



All of the above

Question 4

The tree that the parsimony method generates directly is ____ .



rooted



unrooted



either rooted or unrooted



neither rooted nor unrooted

Question 5

The tree that the UPGMA method generates directly is ____ .



rooted



unrooted



either rooted or unrooted



neither rooted nor unrooted

Question 6

The tree that the Neighbor Joining method generates directly is ____ .

- ☐ rooted
- ☒ unrooted
- ☐ either rooted or unrooted
- ☐ neither rooted nor unrooted

Question 7

The k-mean clustering learning algorithm is ____.

- ☒ supervised
- ☐ unsupervised

Question 8

Given the same data set and same value for k , the Lloyd's algorithm for k -mean clustering produces the same result.

- ☐ True
- ☒ False

Attempt Score: 50 %

Overall Grade (highest attempt): 50 %

Done