Correction – practice final

Many thanks to one of your classmates for pointing to this oversight. The correct response follows:

Describe the appearance of the circled H when:
[a] exchange of the OH proton is fast.
[b] exchange of the OH proton is slow.

\[ \text{A} \]

[a] fast exchange: would observe a quartet through coupling to the adjacent methyl group.
[b] slow exchange: each of the four lines of the quartet would be split by the H of the OH to provide 8 lines.

Also, in regard to determining the number of degrees of unsaturation for B, there was a typo. A triple bond counts for 2 not 3 unsaturations.

\[ \text{A} \quad \text{B} \quad \text{C} \]