CHM3150 Organic Chemistry II Dr. Laurie S. Starkey, Cal Poly Pomona Chapter 12 Alcohols Part 1 – <u>Practice Problems</u>

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Provide the IUPAC name for the following compound.

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	$CH_3CHOHCH_3$	(CH ₃) ₂ CHCH ₂ OH	(CH ₃) ₃ COH
A)	isopropyl alcohol	n-butyl alcohol	isobutyl alcohol
B)	n-propyl alcohol	tert-butyl alcohol	sec-butyl alcohol
C)	isopropyl alcohol	isobutyl alcohol	tert-butyl alcohol
D)	n-propyl alcohol	n-butyl alcohol	tert-butyl alcohol
E)	isopropyl alcohol	tert-butyl alcohol	isobutyl alcohol

Arrange the given species in the order of INCREASING boiling point (from lowest bp to highest bp).

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5 Predict the major products for the following reactions (or N/R).