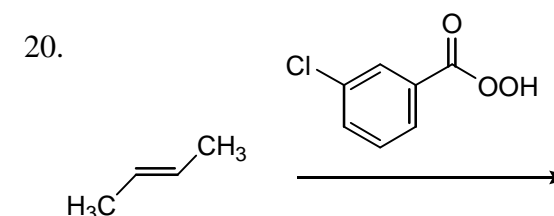
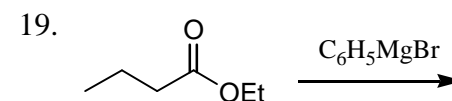
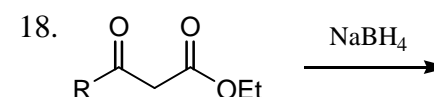
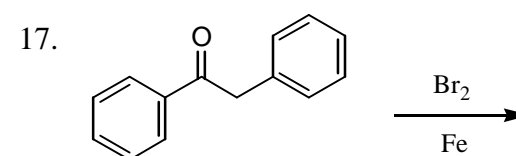
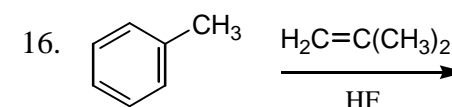
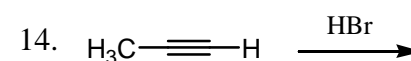
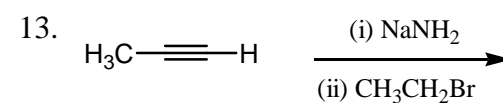
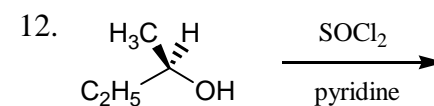
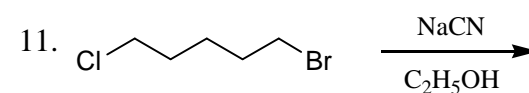
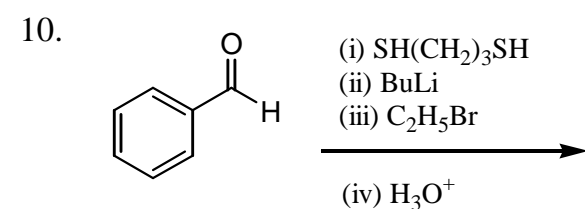
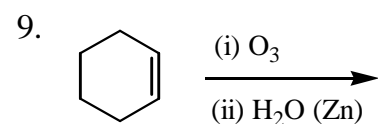
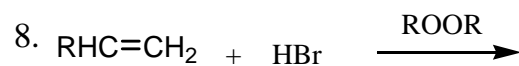
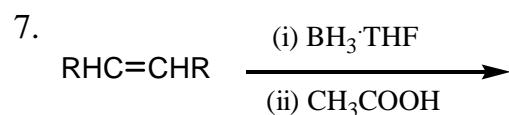
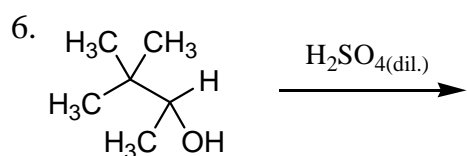
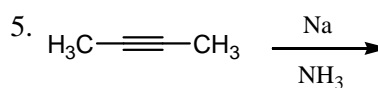
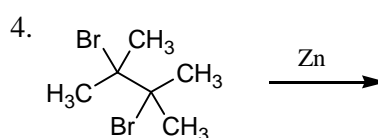
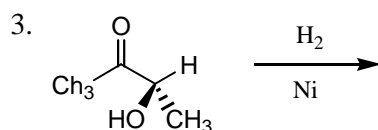
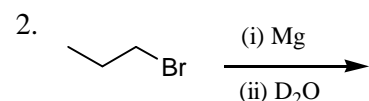
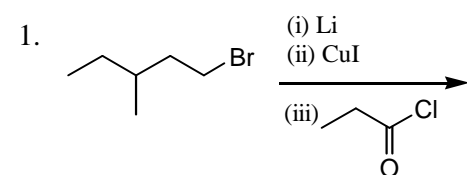


國立嘉義大學九十五學年度

應用化學系碩士班招生考試(乙組)試題

科目：基礎有機化學

I. Please complete the following reactions: (80% , 4% each)



II. Suggest a mechanism and product for a ready decarboxylation of malonic acid.
(CH₂(COOH)₂) (10%)

III. Explain why the conjugate 1,3-pentadiene reacts with one mole of Br₂ at a faster rate than does the isolated 1,4-pentadiene. (10%)