

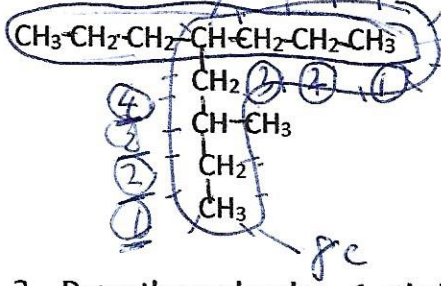
BA = bad attempt

Print Name Key Quiz 2 2/5/21 Citadel

Please show work for all questions for partial and full credit. (20 pts) Dr. Hahn **Intro Chemistry II Lecture**

1. Name the following molecule (5 pts)

3-methyl-5-propyloctane

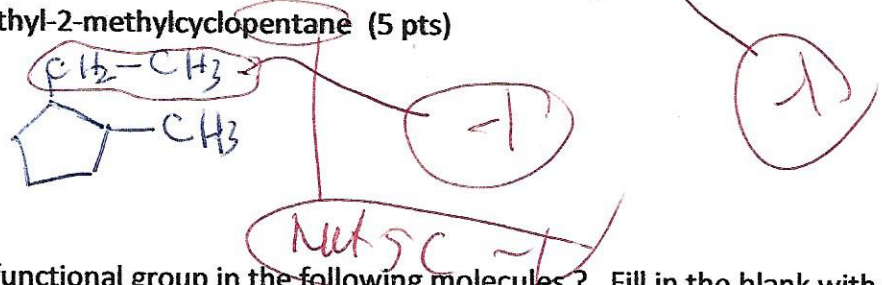


4 5 propyl
6 3 methyl

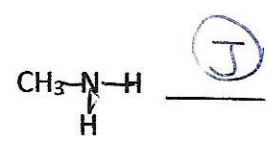
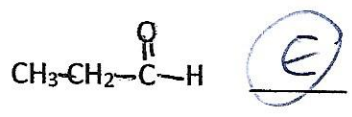
BA - 2

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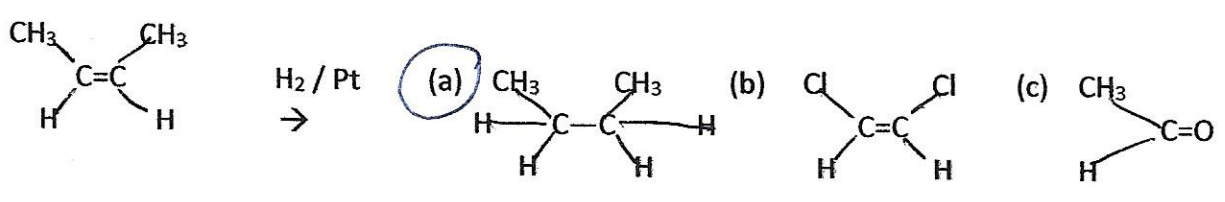
2. Draw the molecule: 1-ethyl-2-methylcyclopentane (5 pts)



3. What is the name of the functional group in the following molecules? Fill in the blank with ONE letter. (A) alkene (B) alkyne (C) alcohol (D) ether (E) aldehyde (F) ketone (G) carboxylic acid (H) ester (I) aromatic (J) amine (K) amide (6 pts)



4. (a) If you did the following reaction which would be your product? circle one best answer (4 pts)



5. Extra Credit: (4 pts)

(a) The building block of a polymer is a (1) monomer (2) dimer (circle one)

(b) An addition polymer is a polymer in which the every atom in the monomer is present in the polymer molecule (T, F) (circle one)