Chemistry Tests

**Chapter 08 (1st Half) Test series 2020**

Total marks 22 Time allowed 25 min Name: Ayman Rasool

**Multiple choice questions (10)**

**01. Methane is also called…**

(a).Laughing gas (b) fuming gas (c) marsh gas (d) carboxylic acid

**02. Preparation of vegetable ghee involves**

(a) Hydrogenation (b) halogenations (c) hydrogenolysis (d) hydroxylation

**03. Addition of hydrogen accompanied by a bond cleavage is called**

(a) Hydrogenation (b) halogenations (c) hydrogenolysis (d) hydroxylation

**05. In Sabatier sander reaction which catalyst is used**

(a) Ni (b) Cu (c) Pt (d) none

**06. Which sequence alkanes are gases?**

(a) C₁-C₁₀ (b) C₁-C₁₂ (c) C₄-C₂₀ (d) C₁-C₄

**07. Which is called convention of alkanes into carbon black?**

(a) Reduction (b) substitution (c) oxidation (d) combustion

**08. Which one of the following halogen show vigorous reaction**

(a) Fl (b) Cl (c) Br (d) I

**09. Methane cannot be prepared by following**

a) Kolbe method (b) Grignard reagent (c) wolf Kushner (d) none

**10. What is other name of alkanes family**

(a) Olefine (b) paraffine (c) alicylic compound (d) aromatic

**11. Each carbon in alkane is……………….hybridized**

(a) sp2 (b) sp (c) sp3 (d) dsp

**Short Question(6)**

1. Draw structure of 2,2,3,4-Tetramethylpentane
2. Convert 2-bromo butane into butane and also write catalyst of reaction?
3. Write structure of neo pentane, 2-2 dimethyl propane?

**Long Questions(6)**

1. Prepare alkenes by carboxylic Acids?
2. The following names are incorrect. Give the correct IUPAC names,
3. 4-Methylpentane
4. 3,5,5-Trimethylhexane
5. 2-Methyl-3-Ethylbutane