



Name _____ Class _____ Date _____

1**Petroleum** is primarily a **mixture** of

- A** alcohol molecules
- B** ester molecules
- C** hydrocarbon molecules
- D** organic acid molecules

**2**By which process is petroleum **separated** into its components according to their different **boiling points**?

- A** contact process
- B** Haber process
- C** fractional distillation
- D** cracking

3What occurs when a **coordinate covalent bond** is formed between nitrogen and hydrogen in the ammonium ion, NH_4^+ ?**4**What is the **oxidation number** of hydrogen in CaH_2 ?**5**

PREVIEW

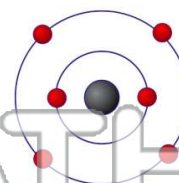
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- A** 0°C and 1 mmHg
- B** 0°C and 760 mmHg
- C** 273°C and 1 mmHg
- D** 273°C and 760 mmHg



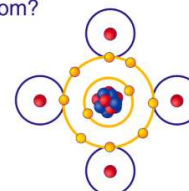
- A** ionic
- B** metallic
- C** polar covalent
- D** nonpolar covalent

**9**What is the **general formula** for the members of the **alkane** series?

- A** C_nH_{2n}
- B** $\text{C}_n\text{H}_{2n+2}$
- C** $\text{C}_n\text{H}_{2n-2}$
- D** $\text{C}_n\text{H}_{2n-6}$

10What is the **maximum number** of **covalent bonds** that can be formed by one carbon atom?

- A** 1
- B** 2
- C** 3
- D** 4





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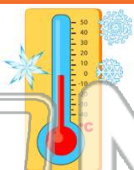


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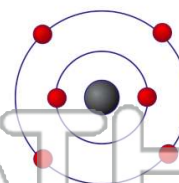
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