

Test Jot Series

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Student Name:			Class:	9th
Paper Type:	Test Series Chemistry Chapter 11		Subject:	Chemistry (SNC)
Paper Time:	45		Maximum Marks:	30

Q1. Choose the correct option. (6X1=6)

1. Which hydrocarbon is responsible for explosions in coal mines?

(A) Butane	(B) Pentane	(C) Methane	(D) Ethene
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2. What is the name of the reaction in which a hydrocarbon reacts with oxygen to produce heat and light?

(A) Combustion	(B) Oxidation	(C) Reduction	(D) Hydrolysis
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3. What is the general formula for alkenes?

(A) CH_2N	(B) $\text{C}_n\text{H}_{2n}+2$	(C) $\text{CH}_2\text{N}-2$	(D) $\text{C}_n\text{H}_{2n+1}$
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4. Which is the simplest alkane:

(A) CH_4	(B) C_3H_8	(C) C_2H_2	(D) C_2H_4
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5. The root prop-corresponds to no of carbon atoms?

(A) 01	(B) 02	(C) 03	(D) 04
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6. Which of the following will react with one mole of H_2 to form saturated hydrocarbons?

(A) Alkanes	(B) Alkene	(C) Alkyne	(D) Benzene
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Q2. Write down short answers of following questions. (7X2=14)

[i] Define hydrocarbons?

[ii] Difference between saturated and unsaturated hydrocarbon?

[iii] What is catenation?

[iv] What is abbreviation of CNG and LPG?

[v] Write down the molecular formula, structural formula and the condensed structural formula for iso-butane.

[vi] Why do alkanes show little reactivity towards the other reagents? (Constructed Response Questions)

[vii] Functional group but a carbon double bond ($\text{C}=\text{C}$) in alkenes does. Explain (Descriptive Questions)

Q3. Write detailed answers of the following questions.(Answer any 0.5) (0.5X5=2.5)

1. (a) Define Hydrocarbon? Give classification?

(b) Write a note on the types of hydrocarbons?

2. (a) Explain the following compound according to nomenclature?

