

Test Jot Series

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

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

1. In which element there exists the strongest forces of attraction between atoms?

(A) Mg	(B) Ca	(C) Sr	(D) Ba
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2. Which oxide is the most basic oxide?

(A) Na ₂ O	(B) Li ₂ O	(C) MgO	(D) CO
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3. Which of the following is less malleable?

(A) Sodium	(B) Iron	(C) Gold	(D) Silver
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4. Metal oxides one:

(A) Basic in nature	(B) Acidic in nature	(C) Neutral	(D) None of these
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5. The melting and boiling points of non-metals one?

(A) High	(B) Low	(C) Moderated	(D) Non of these
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6. What is the general trend in the melting points of transition elements as you move across a period?

(A) Increase	(B) Decreases	(C) Remains constant	(D) Irregular trend
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Q2. Write down short answers of following questions. (7X2=14)

[i] Define Alkali-metals?	[ii] What is the trend of reactivity in Alkali-metals down the group?
[iii] In the following reaction, chlorine acts as an oxidising agent. Which is the reducing agent? $Cl_{2(aq)} + 2NaBr_{(aq)} \rightarrow 2NaCl_{(aq)} + Br_{2(g)}$	[iv] Why does iodine exist in the solid state at room temperature?
	[v] Why hydrogen bromide is thermally unstable as compared to hydrogen chloride? (Descriptive Questions)
[vi] Give the name of four Halogens with their colour?	[vii] Difference between oxidation and reduction?

Q3. Write detailed answers of the following questions.(Answer any 2) (2X5=10)

1. Why and how does lithium behave differently from the rest of the alkali metals. (Investigative Questions)
2. Describe the general trend in the atomic radius of G-17 elements?
3. Write down five physical properties of metals?