SMART TEST SERIES

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Name:		Subject:	Chemistry-12
Roll # :		Unit(s):	2,
Class:	Inter Part-II	Test:	Type 8 - Short Test (No Choice) - Marks=30
Date:		Time:	

Q.1 Circle the Correct Answers. (6x1=6)

1 Alkali metals are:
(A) Acidic in nature (B) Amphoteric in nature (C) Strong oxidizing gent
(D) Strong reducing agent

2 In Down's cell $CaCl_2$ is added to NaCl to:
(A) Increase solubility (B) Increase the dissociation (C) Increase conductivity
(D) Lower its melting point

3 Nelson's cell is used to prepare:
(A) NaOH (B) Na_2CO_3 (C) Na metal (D) NaCl

4 Which of the following sulphates is not soluble in water?
(A) Sodium sulphate (B) Potassium sulphate (C) Zinc sulphate (D) Barium sulphate

5 The element cesium bears resemblance with:
(A) Ca (B) Cr (C) Both (D) None

6 The ore $CaSO_4 2H_2O$ has the general name:
(A) Gypsum (B) Dolomite (C) Calcite (D) Epsom salt

Q.2 Write short answers of the following questions. (8x2=16)

(i) Write formulas of Borax and Chile saltpeter?
(ii) Give two similar properties of Lithium and Magnesium?
(iii) Give formulas of the given minerals: a) Phosphorite b) Chile salt petre
(iv) Write formulas of Beryl and Sylvite.
(v) Give the names and electronic configurations of s-block elements.
(vi) BeO is amphoteric oxide. Show with two suitable reactions.
(vii) What happens when: (i) Li_2CO_3 is heated (ii) Na_2CO_3 is heated
(viii) Why is $CaCl_2$ added in NaCl in Down's cell?

NOTE: Attempt the long question. (4+4=8)

3(a) Give eight points of differences between Lithium and other members of the family?

(b) Explain peculiar behaviour of Beryllium?

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