



Only One Correct

More than one may be correct :

- Q.7** What products are formed during the electrolysis of a concentrated aqueous solution of NaCl?
(A) Cl₂,(g) (B) NaOH (aq) _____ (C) H₂,(g) (D) None



Q.8 Which of the following are the dissimilarities between calcination and roasting

- (A) Type of reactions involved for the conversion of ores
- (B) Nature of the product in terms of porosity
- (C) The way of removal of impurities like S, As and Sb
- (D) The nature of ore used for two cases in general

Q.9 Which of the following statement is/are correct regarding the extraction of lead.

- (A) Carbon reduction can be employed to get Pb from PbS when impurity content is high
- (B) Self-reduction can be employed to get Pb from PbS when impurity content is low.
- (C) The obtained lead is hard due to the presence of impurity like Cu, Sn, As, Sb, Bi etc
- (D) $(PbSiF_6 + H_2SiF_6)$ is used as electrolyte for its electrorefining

Match the Column

Q.10 Match Column-I (Metal) with Column-II (Process of Extraction)

	Column-I (Metal)		Column-II (Process of Extraction)
(A)	Aluminium	(P)	Smelting
(B)	Iron	(Q)	Mond process
(C)	Nickel	(R)	Bayer process
(D)	Copper	(S)	Cyanide process
		(T)	Froth floatation



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| 1. (C) | 2. (C) | 3. (C) | 4. (D) | 5. (B) | 6. (B) | 7. (ABC) |
| 8. (ACD) | 9. (ABCD) | 10. (A) R ; (B) P ; (Q) ; (D) T, P | | | | |