Periodic table and Properties

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In the following table, are given eight elements A, B, C, D, E, F, G and H (here letters are not the usual symbols of the elements) of the Modern Periodic Table with the atomic numbers of the elements in parenthesis.

Period	Group	Group
2	A (3)	E (4)
3	B (11)	F (12)
4	C (19)	G (20)
5	D (37)	H (38)

a) What is the electronic configuration of C? (2,8,9 / 2,8,8,1)

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b) What is the number of valence electrons in the atom of C? (one /nine)

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c) What is the Valency of C? (+2 / +1)

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d) Write the formula of oxide of F. (FO / F_2O)

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e) State whether F is a metal or a non-metal. (Metal / non-metal)

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f) State the group of element G. (group 2 / group 12)

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g) The properties of A, B, C & D will be same / different?

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h) Write the formula of carbonate of B. (BCO_3 / B_2CO_3)

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i) Identify element E.(Write the symbol)

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j) No. of shells is equal to (no. of group / no. of period)