- Which of having the highest ionisation energy in the 6. following groups? Why?
 - (1, 5, 17, 18)
- 7. Explain why the 'd' block elements show different oxidation state?

8, 9 questions. 3 score each

- The Atomic number of an element is 13. 8.
 - a. Write the subshell electronic configuration?
 - b. Write the group and period of this element?
- 9. Electronic configuration of an element "X" is given below
 - 2, 8, 13, 1
 - a) Write the sub shell electronic configuration of this element using suitable noble gas configuration
 - b) Write the block of the periodic table in which this element belongs to .
- The subshell electronic configuration of ' A^{3+} ' ion is 10. given below (symbol is not real)
 - 1s² 2s² 2p⁶ 3s² 3p⁶ 3d³
 - a Find the Atomic number of 'A'
 - b. Write the subshell electronic configuration of A? 4

	1-09E
Step Chapter Based Evaluation	
Chemistry (Periodic table and electronic configuration)	Time : 45 Mnts Score : 20
s : he first 7 minutes cool - off time his time is to be spent for reading the o ou are not supposed to write anything d ead the instructions carefully and atter	luring the cool - off time
From 1 to 4 questions 1 score	e each)
lentify the relation and fill in the	blank .
Ca : 2,8,8,2	
Ti :	
Which of the following is a colour	rless compound
$K_2Cr_2O_7$, $KMnO_4$, $KClO_3$,	CuSO₄)
Which of the following is a commells	non subshell for all
s, p, d, f)	
ind out the oxidation state of I (int:- electronic configuration o p ⁴	
rom 5 to 7 questions 2 score	each
which block of the periodic tab	ole alkali metals are
ncluded?	
	Chemistry (Periodic table and electronic configuration) s: he first 7 minutes cool - off time his time is to be spent for reading the of ou are not supposed to write anything de ead the instructions carefully and atter From 1 to 4 questions 1 score lentify the relation and fill in the Ca : 2,8,8,2 Ti :

b) Write two examples of alkali metals