Test Jot Series

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Student Name:			**Class:**	9th
Paper Type:	**Test Series Chemistry Ch 8**		**Subject:**	**Chemistry (SNC)**
Paper Time:	**45**		**Maximum Marks:**	30

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

1. Vertical columns of the table are called:

(A) Groups	**(B)** Blocks	**(C)** Periods	**(D)** Series

2. Elements show ..... properties in group:

(A) Same	**(B)** Different	**(C)** Both	**(D)** None of these

3. In which period and group will you place the element which is an important part of the solar cell?

(A) Third period and 14th group	**(B)** Second period and 14th group	**(C)** Third period and 15th group	**(D)** Third period and 16th group

4. Which is very long period of table?

(A) 1-2	**(B)** 2nd-3rd	**(C)** 4th-5th	**(D)** 6th-7th

5. Configuration of halogen family:

(A) ns^2,np^6	**(B)** ns^2,np^4	**(C)** ns^2,np^5	**(D)** ns^2,np^2

6. The foist ionization energy of oxygen:

(A) +134	**(B)** +1086	**(C)** +1000	**(D)** +1351

Q2. Write down short answers of following questions. (7X2=14)

[i] Why was atomic number chosen to arrange the elements in the periodic table?	**[ii]** What is periodicity?
	[iii] How elements are arranged an periodic table?
[iv] Define transition elements?	**[v]** Define P-block elements?
[vi] Why is it not possible for oxygen atom to accept three electrons to form ion like nitrogen which can accept electrons to form N^3? (Constructed Response Questions)	**[vii]** What do you mean by group numbers and period number?

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

1. Define periods? Explain all the periods of the periodic table?
2. Write a note on Mendeleev's achievements about periodic table?
3. Write down five similarities in the chemical properties of elements in Group 1?