



# CHEMISTRY

## NCERT - NCERT CHEMISTRY (GUJRATI)

### PERIODIC CLASSIFICATION-I

#### Example

1. The elements  $Z=117$  and  $120$  have not yet been discovered. In which family / group

would you place these elements and also give the electronic configuration in each case.



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2. Arrange the following elements in the increasing order of metallic character: Si, Be, Mg, Na, P



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3. Which of the following species will have the largest and the smallest size  $Mg$ ,  $Mg^{2+}$ ,  $Al$ ,  $Al^{3+}$ ?



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4. Which of the following will have the most negative electron gain enthalpy and which has the least negative?

P, S, Cl, F.

Explain your answer.





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