



Academy Of Health Sciences, Lodhran

Periodic table

1. Define the following terms

Terms	Description
Atomic no.	
Atomic mass	
Periodic table	
Period	
Group	
Shell/orbit	
Complete shell	
Incomplete shell	
Valance shell	
Penultimate shell	
Normal elements	
Transition elements	
Outer transition elements	
Inner transition elements	
Ionization energy	
Electron affinity	
Octet rule	
Triads	

2. Describe the significance of electronic configuration

Components	Significance
No. of shells	
No. of electrons in v/s	
Sub-shells	
No. of E in s/s	



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3. Describe the trends of the following in PT.

	Group	Period
Atomic size		
Oxidation state		
Ionization energy		
Electron affinity		

4. What are the different blocks of PT?

Block	Properties
s-block	
p-block	
d-block	
f-block	

5. Write the important properties of groups and periods of PT.

Entity	Properties
Alkali metals	
Alkaline earth metals	
Halogens	
Zero group/noble gases	
Lanthanides	
Actinides	
1 st period	
2 nd period	
3 rd period	
4 th period	
5 th period	
6 th period	
7 th period	