

radiation is believed to take place in the _____
sun

[CHM101] P-orbital is subdivided into subshells namely _____
px,py,pz

[CHM101] The mixture of CO and H_2 is called _____
water gas

[CHM101] Ca^{2+} has a total of _____ electrons
18

[CHM101] Which of these is an isotope of hydrogen ?
deuterium

[CHM101] Hydrogen show properties similar to alkali metals hence its position in _____ of
the periodic table.
group 1

[CHM101] Lawrencium belongs to the _____ block in the periodic table
f-block

[CHM101] The electronic configuration of Scandium is _____
 $[\text{Ar}] 4s^2 3d^1$

[CHM101] The reaction of methane with steam in the presence of nickel catalyst
produces _____
hydrogen

[CHM101] The electronegativity of element _____ sharply across a row of s- and p- block
elements
increases

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