(A simple model of the atom (protons, neutrons, electrons))

Q1.a) (2018)

A nucleus

B electron

Q1.b) (2018)

electron

Q1.c) (2018)

3 / three

Q1.d) (2018)

(atomic number) 5

(mass number) 11

Q2. (2020)

electron

Q3. (2020)

protons

neutrons

protons (and) electrons

Q4. (2021)

(number of electrons) = 31

(number of neutrons) = 38

Q5.(2021)

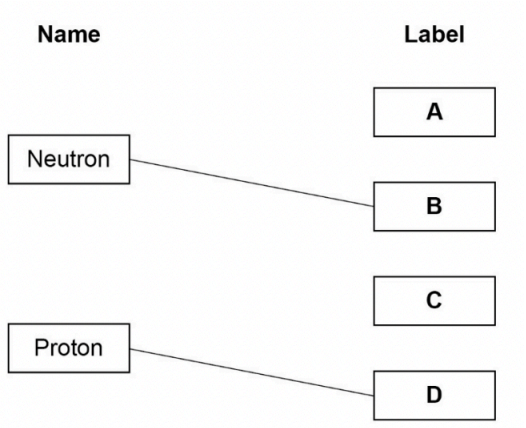
Ga^{3+}

Q6.(2021)

(gallium) fitted in a gap
(Mendeleev had left)

(gallium's) properties were predicted correctly (by Mendeleev)

Q7.(2022)

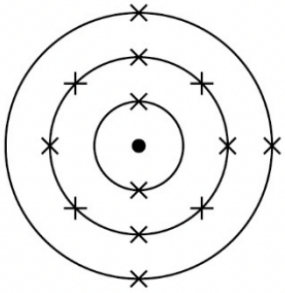


Q8.(2022)

(number of electrons) 9

(number of neutrons) 10

Q9.(2022)



Q10.(2022)

lithium

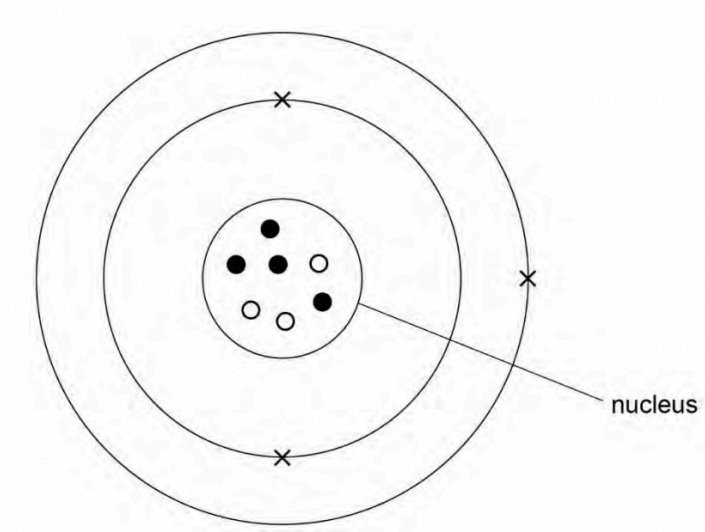
Q11.(2023)

3 x protons (○) in the nucleus

4 x neutrons (●) in the nucleus

3 x electrons (×) in the shells

electrons (×) arranged 2, 1



Q12.a) (2024)

6

Q12.b) (2024)

7

Q12.c) (2024)

6