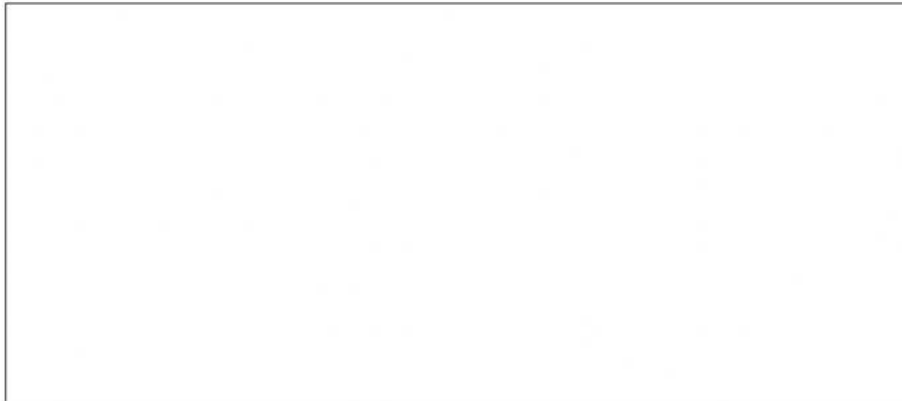


Konfigurasi Elektron

Pertemuan : 4

Simak dengan baik video berikut ! :

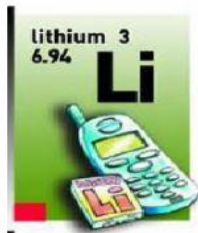


Pertanyaan :

1. Susunan elektron pada kulit K, L, M, N untuk kalsium yang memiliki nomor atom 20 adalah

- ☐ a) 2, 8, 10, ☐ b) 2,8,9,1
☐ c) 2,8,8,2 ☐ d) 2,0,6,2
☐ e) 2, 8, 20

2.



Tentukan konfigurasi elektronnya!

- ☐ a) $1s^1 2s^2$ ☐ b) $1s^2 2s^1$
☐ c) $1s^1 2s^1 3s^1$ ☐ d) $1s^1 2s^1 3p^1$
☐ e) $1s^1 1p^1 2s^1$

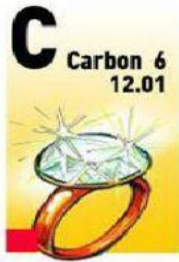
3.



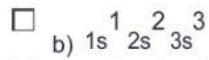
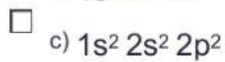
Tentukan konfigurasi elektronnya!

- ☐ a) $1s^2 2s^2 3s^1$ ☐ b) $1s^1 2s^2 3s^2$
☐ c) $1s^2 2s^3$ ☐ d) $1s^2 2s^2 2p^1$
☐ e) $1s^3 2s^2$

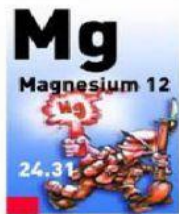
4.



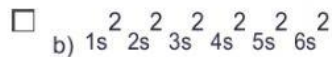
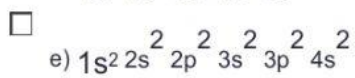
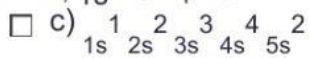
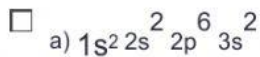
Tentukan konfigurasi elektronnya!



5.



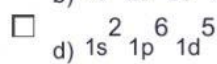
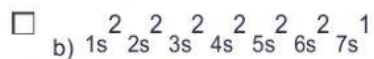
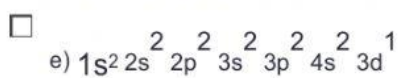
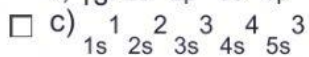
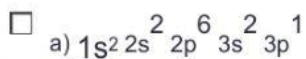
Tentukan konfigurasi elektronnya!



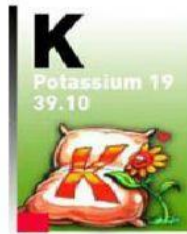
6.



Tentukan konfigurasi elektronnya!



7.



Tentukan konfigurasi elektronnya!

☐ a) $1s^2 2s^2 2p^6 3s^2 3p^6 4s^1$

☐ c) $1s^1 2s^2 3s^3 4s^4 5s^5 6s^4$

☐ e) $1s^2 2s^2 2p^2 3s^2 3p^2 4s^2 3d^2 4p^2 5p^2 6s^1$

☐ b) $1s^2 1p^6 1d^{10} 1f^1$

☐ d) $1s^2 2s^2 2p^8 3s^2 3p^5$

8. Konfigurasi elektron ^{11}Na

☐ a) 2,8,2

☐ c) 2,8,4

☐ b) 2,8,1

☐ d) 2,8,3

9. konfigurasi elektron ^8O

☐ a) 2,4

☐ c) 2,5

☐ b) 2,7

☐ d) 2,6

10. 2,8,8,1

☐ a) ^{19}K

☐ c) ^{12}Mg

☐ b) ^{20}Ca

☐ d) ^{18}Ar