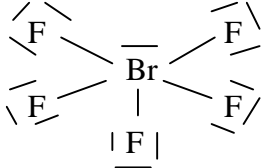
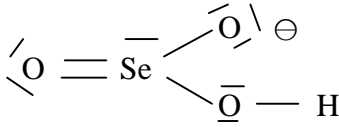
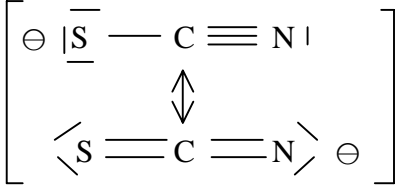
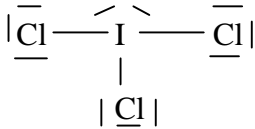
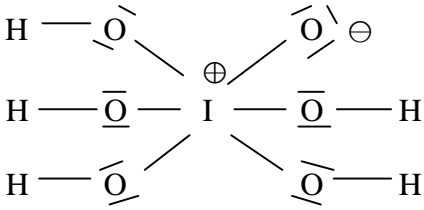
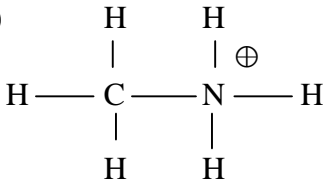
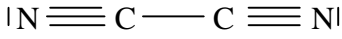
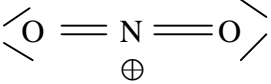
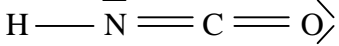
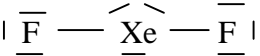




## ESTRUCTURES SOLUCIONS

1. Trifluorur de fòsfor  $\begin{array}{c} \overline{\text{F}} - \overline{\text{P}} - \overline{\text{F}} \\ | \\ \overline{\text{F}} \end{array}$  piramidal, polar.
2. Disulfur de carboni  $\langle \text{S} = \text{C} = \text{S} \rangle$  lineal, no polar
3. Metanal  $\begin{array}{c} \text{H} \\ \diagdown \\ \text{C} = \text{O} \\ \diagup \\ \text{H} \end{array}$  trigonal plana, polar
4. Triòxid de diarsènic  $\langle \text{O} = \overline{\text{As}} - \overline{\text{O}} - \overline{\text{As}} = \text{O} \rangle$   $120^\circ 109^\circ 120^\circ$ , polar
5. Hidrazina ( $\text{N}_2\text{H}_4$ )  $\begin{array}{c} \text{H} \quad \quad \text{H} \\ \diagdown \quad \diagup \\ \overline{\text{N}} - \overline{\text{N}} \\ \diagup \quad \diagdown \\ \text{H} \quad \quad \text{H} \end{array}$  piràmide piràmide, polar + enllaç H
6. Triclorur de bor  $\begin{array}{c} \overline{\text{Cl}} - \text{B} - \overline{\text{Cl}} \\ | \\ \overline{\text{Cl}} \end{array}$  trigonal plana, no polar
7. Fluorur de nitrosil ( $\text{ONF}$ )  $\langle \text{O} = \overline{\text{N}} - \overline{\text{F}} \rangle$  angular, polar
8. Peròxid d'hidrogen  $\begin{array}{c} \overline{\text{O}} - \overline{\text{O}} \\ / \quad \backslash \\ \text{H} \quad \quad \text{H} \end{array}$  angular angular, polar + enllaç d'H
9. Anió acetat  $\begin{array}{c} \text{H} \\ | \\ \text{H} - \text{C} - \text{C} = \text{O} \\ | \quad \quad \backslash \\ \text{H} \quad \quad \text{O} \\ \quad \quad \quad \backslash \\ \quad \quad \quad \text{O}^- \end{array}$  tetraèdrica i trigonal plana, iònica
10. Anió borhidrur ( $\text{BH}_4^-$ )  $\begin{array}{c} \text{H} \quad \quad \ominus \\ \diagdown \quad \diagup \\ \text{B} \\ \diagup \quad \diagdown \\ \text{H} \quad \quad \text{H} \end{array}$  tetraèdrica, iònica

11. Pentafluorur de brom  paraigua, polar
12. Ani3 hidrogenselenit  piramidal i angular, i3nica
13. Ani3 tiocianat (SCN<sup>-</sup>)  lineal, i3nica
14. Triclorur de iode  forma de T, quasi no polar
15. 3cid hexaoxi3dic (VII)  octa3drica i angulars, polar + enllaços d'H
16. Cati3 metilamoni (CH<sub>3</sub>NH<sub>3</sub><sup>+</sup>)  tetra3driques, i3nica
17. Etandinitril  lineal, no polar
18. Cati3 nitroni (NO<sub>2</sub><sup>+</sup>)  lineal, i3nica
19. 3cid isoci3nic (HNCO)  120° i lineal, polar + enllaç d'H
20. Difluorur de xen3  lineal, no polar

21. Clorur de tionil ( $\text{Cl}_2\text{SO}$ )  $\begin{array}{c} \overline{\text{Cl}} - \overline{\text{S}} - \overline{\text{Cl}} \\ || \\ \text{O} \end{array}$  piramidal, polar
22. Anió bromat  $\begin{array}{c} \text{O} = \overline{\text{Br}} - \overline{\text{O}} | \ominus \\ || \\ \text{O} \end{array}$  piramidal, iònica
23. Anió amidur ( $\text{NH}_2^-$ )  $\begin{array}{c} \diagup \\ \text{H} \quad \text{N} \quad \text{H} \\ \ominus \end{array}$  angular, iònica
24. Hidrur de beril·li  $\text{H} - \text{Be} - \text{H}$  lineal, no polar
25. Dimetilsulfona ( $(\text{CH}_3)_2\text{SO}_2$ )  $\begin{array}{c} \text{H} \quad \text{O} \quad \text{H} \\ | \quad || \quad | \\ \text{H} - \text{C} - \text{S} - \text{C} - \text{H} \\ | \quad || \quad | \\ \text{H} \quad \text{O} \quad \text{H} \end{array}$  tetraèdriques, polar
26. Àcid fulmínic ( $\text{HONC}$ )  $\text{H} - \overline{\text{O}} - \text{N} \equiv \text{C} |$   
 $\oplus \quad \ominus$  angular i lineal,  
polar + enllaç d'H
27. Nitrometà  $\begin{array}{c} \text{H} \\ | \\ \text{H} - \text{C} - \text{N} \begin{array}{l} \oplus = \overline{\text{O}} | \\ \diagdown \quad \diagup \\ \text{O} \quad \ominus \end{array} \\ | \\ \text{H} \end{array}$  tetraèdrica i trigonal plana,  
polar
28. Bromur de cianogen ( $\text{NCBr}$ )  $| \text{N} \equiv \text{C} - \overline{\text{Br}} |$  lineal, quasi no polar
29. Diazometà ( $\text{N}_2\text{CH}_2$ )  $\begin{array}{c} \diagdown \quad \diagup \\ \text{N} = \text{N} = \text{C} \begin{array}{l} \text{H} \\ \diagdown \quad \diagup \\ \text{H} \end{array} \\ \ominus \quad \oplus \end{array}$  lineal i trigonal plana, polar
30. Cianamida ( $\text{NCNH}_2$ )  $| \text{N} \equiv \text{C} - \text{N} \begin{array}{l} \diagup \quad \diagdown \\ \text{H} \\ \text{H} \end{array}$  lineal i piramidal,  
polar + enllaç d'H