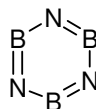
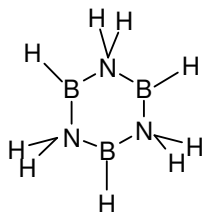


BAREM DE CORECTARE
CLASA a IX-a

Subiectul I.....	20p
1c, 2d, 3c, 4e, 5d, 6b, 7d, 8b, 9a, 10a.	
Subiectul II.....	25p
a) structura.....	5p
formula X_2Y	5p
b) 2 structuri corecte.....	5p
c) structura $N_3B_3N_{12}$	5p
structura N_3B_3	5p
Subiectul III.....	25p
a) raportul $\frac{v_{N_2}}{v_{N_2} + v_{NO}} = \frac{5}{6} = \frac{85}{102} < \frac{85}{100} < 85/100$, deci mai exista o reactie chimica.....	9p
b) raportul dintre numarul de moli de azot si numarul de moli de gaz binar va creste daca se produce monooxid de monoazot si prin alta reactie astfel incit sa devina 85/100. Astfel $\frac{v_{N_2} + \bar{v}_{N_2}}{v_{N_2} + \bar{v}_{N_2} + v_{NO}} = \frac{85}{100}$ creste daca mai apare N_2 printr-o reactie de oxidare a NH_3	11p
c) $\eta = 84\%$	5p
Subiectul IV.....	20p
a) 8,96% CO_2 , 89,06% N_2 , 1,98% O_2	15p
b) $p_i/p_f = 0,5308$	5p



b) 2 structuri corecte.....2 2,5 = 5p

c) structura $\text{N}_3\text{B}_3\text{N}$