

|            | Partie A |     |     |     |     |     |     |     |     |     |         | Partie B - Interférences à 2 ondes |     |     |     |     |     |     |     |     |     |     |         |     |     |     |     | Partie C - Thermochimie |     |     |     |     |     |     |     |      |      |         |      |      |      |      |  |  |  |  |  |  |  |
|------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|-----|-----|-------------------------|-----|-----|-----|-----|-----|-----|-----|------|------|---------|------|------|------|------|--|--|--|--|--|--|--|
| Questions  | 1        | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | A Total | 5.1                                | 5.2 | 5.3 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 7   | 8   | B Total | 19  | 20  | 21  | 22  | 23                      | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31   | 32   | 3 Total | Note | NC   | NH   |      |  |  |  |  |  |  |  |
| Barème     | 1.0      | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 12.0    | 2.0                                | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 16.0    | 1.0 | 1.0 | 1.0 | 1.0 | 2.0                     | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0  | 2.0  | 2.0     | 24.0 | 52.0 | 20.0 | 16.6 |  |  |  |  |  |  |  |
| H          | 0.0      | 0.0 | 2.0 |     |     |     |     | 0.0 | 0.0 | 1.0 | 5.0     | 2.0                                | 2.0 | 0.0 | 1.0 | 0.8 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0     | 9.6 | 1.0 | 0.0 | 0.0 | 0.5                     | 2.0 | 0.0 | 0.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0  | 2.0  | 1.0     | 15.5 | 30.1 | 11.6 | 14.1 |  |  |  |  |  |  |  |
| He         | 0.0      | 0.0 | 2.0 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 8.0     | 1.5                                | 2.0 | 0.0 | 1.0 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |     | 10.4    | 1.0 | 0.0 |     |     | 1.0                     |     |     | 2.0 | 0.0 | 2.0 | 2.0 | 0.0 | 2.0  |      | 10.0    | 28.4 | 10.9 | 14.0 |      |  |  |  |  |  |  |  |
| Li         | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 1.0 | 1.0 | 4.0     | 1.5                                | 2.0 | 0.0 | 1.0 | 0.9 | 1.0 | 1.0 | 1.0 | 0.5 | 0.0 | 0.0 | 8.9     | 1.0 |     | 0.8 | 0.0 | 2.0                     | 0.0 | 0.0 | 2.0 | 1.0 | 2.0 | 2.0 | 0.0 | 0.0  | 0.0  | 10.8    | 23.6 | 9.1  | 13.7 |      |  |  |  |  |  |  |  |
| Be         | 1.0      | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 5.0     | 1.5                                | 0.5 | 0.0 | 1.0 | 0.0 | 0.5 | 1.0 | 0.5 | 0.0 |     | 5.0 | 1.0     | 0.0 | 0.0 |     | 2.0 | 0.0                     | 0.0 | 2.0 | 0.0 | 2.0 |     | 2.0 |     | 11.0 | 21.0 | 8.1     | 13.4 |      |      |      |  |  |  |  |  |  |  |
| B          | 0.0      |     | 0.0 |     | 0.0 | 0.0 | 0.0 | 0.0 |     |     | 0.0     | 1.5                                | 2.0 | 2.0 | 1.0 | 0.3 | 1.0 | 0.5 | 1.0 | 1.0 | 2.0 |     | 12.3    | 1.0 |     | 0.0 | 0.5 | 1.5                     | 0.0 | 0.0 | 0.3 | 0.0 | 2.0 | 2.0 |     |      |      | 7.3     | 19.5 | 7.5  | 13.2 |      |  |  |  |  |  |  |  |
| C          | 0.0      |     | 2.0 |     | 0.0 | 0.0 |     | 2.0 | 0.0 |     | 4.0     | 1.0                                |     |     | 1.0 |     | 0.0 | 0.5 |     |     | 0.0 |     | 2.5     | 1.0 |     | 0.0 | 0.0 | 1.5                     |     |     | 1.0 |     | 2.0 | 2.0 |     | 1.0  | 1.5  | 10.0    | 16.5 | 6.3  | 12.4 |      |  |  |  |  |  |  |  |
| N          | 1.0      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |     | 2.0 | 1.0 |     | 4.0     | 0.0                                |     |     |     |     |     |     |     |     |     | 0.0 | 0.5     | 0.0 |     |     | 2.0 | 0.0                     | 0.0 | 1.0 | 0.0 | 2.0 | 2.0 |     | 2.0 | 0.0  | 9.5  | 13.5    | 5.2  | 11.3 |      |      |  |  |  |  |  |  |  |
| O          | 0.0      |     | 2.0 | 0.0 |     | 0.0 |     | 2.0 | 0.0 |     | 4.0     | 2.0                                | 1.0 | 0.0 |     |     |     |     |     |     | 0.0 |     | 3.0     | 1.0 |     |     |     |                         |     | 1.5 |     | 2.0 | 2.0 |     |     |      | 6.5  | 13.5    | 5.2  | 11.3 |      |      |  |  |  |  |  |  |  |
| F          | 0.0      |     | 2.0 |     | 0.0 | 0.0 |     | 0.0 |     |     | 2.0     | 0.0                                |     | 2.0 | 0.0 | 0.0 |     |     |     |     |     |     | 2.0     | 1.0 | 0.0 | 0.0 |     | 1.0                     | 0.0 |     | 2.0 | 0.0 | 1.5 | 1.5 | 0.0 | 0.0  | 1.0  | 8.0     | 12.0 | 4.6  | 10.6 |      |  |  |  |  |  |  |  |
| Na         | 0.0      | 0.0 | 0.0 |     |     |     |     | 0.0 |     |     | 0.0     | 0.0                                | 0.0 |     |     |     |     |     |     |     | 0.0 |     | 0.0     | 1.0 | 0.0 |     |     | 1.0                     | 0.0 | 0.3 | 2.0 | 2.0 | 2.0 | 2.0 |     |      |      | 10.3    | 10.3 | 3.9  | 9.7  |      |  |  |  |  |  |  |  |
| Mg         | 0.0      |     | 0.0 |     |     |     |     | 0.0 |     |     | 0.0     | 1.0                                |     |     |     |     |     |     |     |     |     |     | 1.0     | 1.0 | 1.0 | 0.0 | 0.0 | 2.0                     | 0.0 | 0.0 | 1.0 | 0.0 | 1.5 | 1.5 |     |      |      | 8.0     | 9.0  | 3.5  | 8.9  |      |  |  |  |  |  |  |  |
| Al         | 0.0      |     | 2.0 | 0.0 |     | 0.0 |     | 0.0 |     |     | 2.0     | 1.0                                |     | 0.0 |     |     |     |     |     |     |     |     | 1.0     | 1.0 | 0.5 |     |     | 2.0                     | 0.0 |     | 0.0 |     | 2.0 |     | 0.0 |      | 5.5  | 8.5     | 3.3  | 8.6  |      |      |  |  |  |  |  |  |  |
| Si         | 0.0      |     | 2.0 | 0.0 | 0.0 | 0.0 |     | 0.0 | 0.0 | 0.0 | 2.0     |                                    |     |     |     |     |     |     |     |     |     |     | 0.0     | 0.5 | 0.0 |     | 0.0 | 1.5                     | 0.0 | 0.0 |     | 1.5 | 1.0 |     | 2.0 | 0.0  | 6.5  | 8.5     | 3.3  | 8.6  |      |      |  |  |  |  |  |  |  |
| P          |          |     | 0.0 | 0.0 |     | 0.0 |     | 2.0 |     |     | 2.0     | 2.0                                | 0.0 |     |     |     |     |     |     |     |     |     | 2.0     | 1.0 | 0.0 |     |     |                         |     |     |     |     |     |     |     |      | 1.0  | 5.0     | 1.9  | 6.2  |      |      |  |  |  |  |  |  |  |
| S          | 0.0      | 0.0 | 0.0 | 0.0 | 0.0 |     |     |     |     |     | 0.0     | 0.5                                |     |     |     |     |     |     |     |     |     |     | 0.5     | 1.0 | 0.0 |     |     | 1.0                     |     |     | 2.0 |     |     |     |     |      | 4.0  | 4.5     | 1.7  | 5.9  |      |      |  |  |  |  |  |  |  |
| Cl         | 0.0      |     | 0.0 | 0.0 |     |     | 0.0 | 0.0 |     |     | 0.0     | 0.5                                |     |     | 0.0 |     |     | 0.0 |     |     |     |     | 0.5     | 0.0 | 0.0 | 0.0 |     | 0.0                     | 0.0 | 0.3 | 0.3 |     |     |     |     |      | 0.5  | 1.0     | 0.4  | 3.8  |      |      |  |  |  |  |  |  |  |
| Ar         |          |     | 0.0 | 0.0 |     | 0.0 |     | 0.0 |     |     | 0.0     | 0.5                                |     |     |     |     |     |     |     |     | 0.0 |     | 0.5     | 0.0 |     |     |     |                         |     |     |     |     |     |     |     |      | 0.0  | 0.5     | 0.2  | 3.5  |      |      |  |  |  |  |  |  |  |
| K          |          |     |     |     |     |     |     |     |     |     |         |                                    |     |     |     |     |     |     |     |     |     |     |         |     |     |     |     |                         |     |     |     |     |     |     |     |      |      |         |      |      |      |      |  |  |  |  |  |  |  |
| Ca         |          |     |     |     |     |     |     |     |     |     |         |                                    |     |     |     |     |     |     |     |     |     |     |         |     |     |     |     |                         |     |     |     |     |     |     |     |      |      |         |      |      |      |      |  |  |  |  |  |  |  |
| Moyenne    | 0.1      | 0.0 | 0.8 | 0.0 | 0.0 | 0.1 | 0.1 | 0.8 | 0.2 | 0.2 | 2.2     | 0.9                                | 0.5 | 0.2 | 0.3 | 0.1 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.0 | 3.1     | 0.7 | 0.1 | 0.0 | 0.1 | 1.1                     | 0.0 | 0.0 | 1.0 | 0.2 | 1.3 | 1.2 | 0.1 | 0.6  | 0.2  | 6.5     | 13.3 | 5.1  | 9.9  |      |  |  |  |  |  |  |  |
| Efficacité | 13%      | 0%  | 47% | 0%  | 0%  | 8%  | 17% | 50% | 38% | 60% | 23%     | 52%                                | 68% | 25% | 75% | 46% | 73% | 71% | 90% | 70% | 19% | 0%  | 53%     | 82% | 13% | 9%  | 17% | 73%                     | 0%  | 3%  | 68% | 22% | 94% | 92% | 20% | 69%  | 29%  | 42%     |      |      |      |      |  |  |  |  |  |  |  |
| Rendement  | 11%      | 0%  | 42% | 0%  | 0%  | 5%  | 5%  | 42% | 16% | 16% | 18%     | 43%                                | 25% | 11% | 32% | 14% | 23% | 26% | 24% | 18% | 8%  | 0%  | 19%     | 74% | 8%  | 4%  | 5%  | 54%                     | 0%  | 1%  | 50% | 11% | 64% | 58% | 5%  | 29%  | 9%   | 27%     |      |      |      |      |  |  |  |  |  |  |  |

|    | A   | B   | C   | E   | R   | NC   | NH   |
|----|-----|-----|-----|-----|-----|------|------|
| H  | 42% | 60% | 65% | 59% | 58% | 11.6 | 14.1 |
| He | 67% | 65% | 42% | 68% | 55% | 10.9 | 14.0 |
| Li | 33% | 55% | 45% | 46% | 45% | 9.1  | 13.7 |
| Be | 42% | 31% | 46% | 49% | 40% | 8.1  | 13.4 |
| B  | 0%  | 77% | 30% | 50% | 38% | 7.5  | 13.2 |
| C  | 33% | 16% | 42% | 55% | 32% | 6.3  | 12.4 |
| N  | 33% | 0%  | 40% | 42% | 26% | 5.2  | 11.3 |
| O  | 33% | 19% | 27% | 59% | 26% | 5.2  | 11.3 |
| F  | 17% | 13% | 33% | 35% | 23% | 4.6  | 10.6 |
| Na | 0%  | 0%  | 43% | 39% | 20% | 3.9  | 9.7  |
| Mg | 0%  | 6%  | 33% | 36% | 17% | 3.5  | 8.9  |
| Al | 17% | 6%  | 23% | 37% | 16% | 3.3  | 8.6  |
| Si | 17% | 0%  | 27% | 31% | 16% | 3.3  | 8.6  |
| P  | 17% | 13% | 4%  | 42% | 10% | 1.9  | 6.2  |
| S  | 0%  | 3%  | 17% | 32% | 9%  | 1.7  | 5.9  |
| Cl | 0%  | 3%  | 2%  | 5%  | 2%  | 0.4  | 3.8  |
| Ar | 0%  | 3%  | 0%  | 5%  | 1%  | 0.2  | 3.5  |
| K  |     |     |     |     |     |      |      |
| Ca |     |     |     |     |     |      |      |

Informations

Efficacité (E)

Il s'agit du rapport de la note obtenue sur la note maximale possible des questions traitées.

Si vous avez un score d'efficacité élevé, cela signifie que lorsque vous traitez une question, vous obtenez la plupart des points de cette question.

Rendement (R)

Il s'agit du rapport de la note obtenue sur la note maximale possible.

Si vous avez un score de rendement élevé, cela signifie qu'en plus d'être efficace, vous êtes rapide et traitez la plupart des questions du sujet.

Note Concours (NC)

Ce sont les notes ramené à un barème de 20, c'est la note de concours.

Note Harmonisée (NH)

Ce sont les notes sur 20 adaptées ("gonflées") afin de tenir compte de la difficulté des concours (très difficile à finir à dessein).

