|  |  |
| --- | --- |
| **Meno** |  |

**ÚLOHA 1 (32 b)**

**Úloha A) (14 b)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Riadok** | **Názov** | **Vzorec** | **Obsah [ppmv]** |
| 1 |  |  | 780 840 |
| 2 |  |  | 209 460 |
| 3 |  |  | 9 340 |
| 4 |  |  | 365 – 400 |
| 5 |  |  | 18,18 |
| 6 |  |  | 5,24 |
| 7 |  |  | 1,5 – 2,0 |

**Úloha B) (6 b)**

|  |  |
| --- | --- |
| **v** |  |
| **z** |  |
| **d** |  |
| **u** |  |
| **c** |  |
| **h** |  |

**Úloha C) (2 b)**

|  |  |
| --- | --- |
| **a)** |  |
| **b)** |  |

**Úloha D) (10 b)**

|  |  |
| --- | --- |
| **a)** |  |
| **b)** |  |
| **c)** |  |
| **d)** |  |
| **e)** |  |
| **f)** |  |
| **g)** |  |
| **h)** |  |
| **i)** |  |
| **j)** |  |

**ÚLOHA 2 (42 b)**

**Úloha A) (15 b)**

|  |  |
| --- | --- |
| **a** |  |
| **b** |  |
| **c** |  |
| **d** |  |
| **e** |  |
| **f** |  |
| **g** |  |
| **h** |  |
| **i** |  |
| **j** |  |
| **k** |  |
| **l** |  |
| **m** |  |
| **n** |  |
| **o** |  |

**Úloha B) (8 b)**

|  |  |  |
| --- | --- | --- |
| **vzorec** | **triviálny názov** | **systémový názov** |
|  | tekuté striebro |  |
|  |  | sulfid ortuťnatý |
| Hg2Cl2 |  |  |
| HgI2 |  |  |

**Úloha C) (8 b)**

|  |  |
| --- | --- |
| Hg + S 🡪 |  |
| Hg + Cl2🡪 |  |
| Hg + 4HNO3🡪 |  |
| Hg + 2H2SO4🡪 |  |

**Úloha D) (9 b)**

|  |  |
| --- | --- |
| **a** |  |
| **b** |  |
| **c** |  |
| **d** |  |
| **e** |  |
| **f** |  |
| **g** |  |
| **h** |  |
| **i** |  |

**Úloha E) (2 b)**

|  |  |
| --- | --- |
| **a)** |  |
| **b)** |  |

**ÚLOHA 3 (18 b)**

**Úloha A) (11 b)**

|  |  |
| --- | --- |
| **Au** |  |
| **Hf** |  |
| **Kr** |  |
| **As** |  |
| **Na** |  |
| **Se** |  |
| **S** |  |
| **Ti** |  |
| **Y** |  |
| **Zr** |  |
| **Výsledok tajničky:** |  |

**Úloha B) (7 b)**

|  |  |
| --- | --- |
| **A** |  |
| **B** |  |
| **C** |  |
| **D** |  |
| **E** |  |
| **F** |  |
| **G** |  |

**Úloha 4 (25 b)**

|  |  |
| --- | --- |
| **Vzorec** | **Systémový názov** |
|  | Sulfid sodný |
| Fe2(SO4)3 |  |
|  | Chlorid horečnatý |
| CuCO3 |  |
|  | Síran bárnatý |
| HNO3 |  |
|  | Fluorid strieborný |
| MgCO3 |  |
|  | Kyselina chlorečná |
| NaNO3 |  |
|  | Oxid lítny |
| Ca(OH)2 |  |
|  | Jodid kademnatý |
| KBr |  |
|  | Siričitan olovnatý |
| Pb(OH)4 |  |
|  | Manganistan draselný |
| V2O5 |  |
|  | Amoniak |
| NiBr2 |  |
|  | Dusitan hlinitý |
| Ti(ClO)4 |  |
|  | Hydrogenuhličitan zinočnatý |
| Cr2S3 |  |
|  | Oxid hlinitý |

**Úloha 5 (18 b)**

**Úloha A) (14 b)**

|  |  |
| --- | --- |
| **1.** |  |
| **2.** |  |
| **3.** |  |
| **4.** |  |
| **5.** |  |
| **6.** |  |
| **7.** |  |
| **8.** |  |
| **9.** |  |
| **10.** |  |
| **11.** |  |
| **12.** |  |
| **13.** |  |
| **Tajnička** |  |

**Úloha B) (4b)**

|  |  |
| --- | --- |
| **Vzorce zlúčenín** |  |

**Úloha 6 (15b)**

|  |  |
| --- | --- |
| **1** |  |
| **2** |  |
| **3** |  |
| **4** |  |
| **5** |  |
| **6** |  |
| **7** |  |
| **8** |  |
| **9** |  |
| **10** |  |
| **11** |  |
| **12** |  |
| **13** |  |
| **14** |  |
| **15** |  |