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

**Úloha 1 (39 b)**

**Úloha A) (13 b)**

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

**Úloha B) (8 b)**

|  |  |
| --- | --- |
| **Mn2+** |  |
| **Cr3+** |  |
| **V2+** |  |
| **Ag+** |  |
| **Cu2+** |  |
| **Fe2+** |  |
| **Cr2+** |  |
| **Cu+** |  |

**Úloha C) (10 b)**

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

**Úloha D) (8 b)**

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

**Úloha 2 (40 b)**

**Úloha A) (28 b)**

|  |  |  |
| --- | --- | --- |
| **prvok** | **minerály** | **latinský názov prvku** |
| Mg |  |  |
| Ni |  |  |
| Zn |  |  |
| Ag |  |  |
| Ti |  |  |
| Pb |  |  |

**Úloha B) (12 b)**

|  |  |  |
| --- | --- | --- |
| **minerál** | **systémový názov** | **číslo indície** |
| karnalit |  |  |
| nikelín |  |  |
| altait |  |  |
| rutil |  |  |
| akantit |  |  |
| smithsonit |  |  |

**Úloha 3 (19 b)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Te** | **Pr** |  |  |  |  | **Li** |  |  |
| **I** |  |  |  | **Y** | **O** |  |  |  |
|  |  |  | **N** |  |  | **I** |  | **Te** |
|  |  | **Y** |  | **Po** |  |  | **Te** |  |
|  | **H** |  | **Li** |  | **N** |  | **O** |  |
|  | **Li** |  |  | **O** |  | **Po** |  |  |
| **H** |  | **O** |  |  | **Li** |  |  |  |
|  |  |  | **O** | **I** |  |  |  | **H** |
|  |  | **Po** |  |  |  |  | **Li** | **Pr** |

|  |  |
| --- | --- |
| **Názov:** |  |

**Úloha 4 (26 b)**

**Úloha A) (6 b)**

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |

**Úloha B) (10 b)**

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

**Úloha C) (10 b)**

|  |  |  |
| --- | --- | --- |
| **kyselina** | **x** | **y** |
| palmitová |  |  |
| stearová |  |  |
| olejová |  |  |
| linolová |  |  |
| linolénová |  |  |

**Úloha 5 (26 b)**

|  |  |  |
| --- | --- | --- |
| **vzorec** | **systémový názov** | **triviálny názov** |
| Sb2S3 |  |  |
|  | oxid kremičitý |  |
|  |  | krveľ |
| N2O |  |  |
|  | uhličitan železnatý |  |
|  |  | kyselina soľná |
| ZnSO4. 7H2O |  |  |
|  | hydroxid sodný |  |
|  |  | masikot |
| Ca(OH)2 |  |  |
|  | chlorid amónny |  |
|  |  | vitriol |
| Cu2O |  |  |