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

**Úloha 1 (46 b)**

**Úloha A) (12 b)**

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

**Úloha B) (13 b)**

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**Úloha C) (13 b)**



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Interval** |  | **Interval** |  | **Interval** |
| **Rovnorodá** |  | **Rôznorodá** |  | **Koloidná** |  |



|  |  |  |
| --- | --- | --- |
|  | **Všeobecné názvy** | **Príklad** |
| **Tuhá rozptýlená v kvapaline** |  |  |
| **Tuhá rozptýlená v plyne** |  |  |
| **Kvapalina rozptýlená v kvapaline** |  |  |
| **Plyn rozptýlený v kvapaline** |  |  |
| **Kvapalina rozptýlená v plyne** |  |  |

**Úloha D) (8 b)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Názov izotopu** | **Protóny** | **Neutróny** | **Elektróny** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Úloha 2 (46 b)**

**Úloha A) (15 b)**

|  |  |
| --- | --- |
| **a)** |  |
| **b)** |  |
| **c)** |  |
| **d)** |  |
| **e)** |  |

|  |  |
| --- | --- |
| **f)** |  |
| **g)** |  |
| **h)** |  |
| **i)** |  |
| **j)** |  |

|  |  |
| --- | --- |
| **k)** |  |
| **l)** |  |
| **m)** |  |
| **n)** |  |
| **o)** |  |

**Úloha B) (13 b)**

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

**Úloha C) (4 b)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Koncentrácia roztoku** | |  | **Hmotnostné percento** |  |
| **Využitie** |  | | | |
|  | | | |

**Úloha D) (14 b)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Na** | **+** |  | **H2O** | **→** |  |
|  | **Na** | **+** |  | **HCl** | **→** |  |
|  | **NaOH** | **+** |  | **HCl** | **→** |  |
|  | **Cl2** | **+** |  | **H2** | **→** |  |
|  | **Na** | **+** |  | **Cl2** | **→** |  |
|  | **Na** | **+** |  | **O2** | **→** |  |
|  | **NaHCO3** | **+** |  | **HCl** | **→** |  |

**Úloha 3 (16 b)**

**Úloha A) (6 b)**

|  |  |
| --- | --- |
| **1.** |  |
| **2.** |  |
| **3.** |  |
| **4.** |  |
| **5.** |  |
| **6.** |  |

**Úloha B) (10 b)**

|  |  |  |  |
| --- | --- | --- | --- |
| **a)** | **1.** |  | |
| **5.** |  | |
| **b)** |  | | |
| **c)** | **3.** |  | |
| **4.** |  | |
| **6.** |  | |
| **d)** | **triviálne názvy** | |  |
|  |
| **rovnica** | |  |

**Úloha 4) (20 b)**

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

**Úloha 5) (22 b)**

|  |  |  |
| --- | --- | --- |
| **systémový názov** | **triviálny názov** | **vzorec** |
| chlorid draselný |  |  |
|  | sulfán |  |
|  | potaš |  |
|  |  | MnO2 |
|  | sóda bikarbóna |  |
| síran bárnatý |  |  |
|  | vápenec |  |
|  |  | NaNO3 |
| chlorid amónny |  |  |
|  | rumelka |  |
|  |  | ZnS |