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| **Meno** |  |

**Úloha 1 (36 b**)

**Úloha A) (14 b)**

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| **rýchla energia** |  |
| **proteíny** |  |
| **papier** |  |
| **termoizolácia** |  |
| **genetická informácia** |  |
| **fotosyntéza** |  |
| **Friedrich Miescher** |  |
| **glykozidová väzba** |  |
| **aminokyselina** |  |
| **estery vyšších mastných kyselín** |  |
| **Gerardus Johannes Mulder** |  |
| **kyselina palmitová** |  |
| **skladaný list** |  |
| **škrob** |  |

**Úloha B) (6 b)**

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**Úloha C) (16 b)**

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| **názov** | **vzorec** | **molárna hmotnosť** |
| **acetaldehyd** | H3CCOH alebo C2H4O | 44 |
| **fruktóza** |  |  |
| **kyselina maslová** |  |  |
| **formaldehyd** |  |  |
| **kyselina octová** |  |  |
| **etanol** |  |  |
| **alanín** |  |  |
| **kyselina mravčia** |  |  |
| **acetón** |  |  |

**Úloha 2 (48b)**

**Úloha A) (11 b)**

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**Úloha B) (9 b)**

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**Úloha C) (10 b)**

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**Úloha D) (18 b)**

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| **systémový názov** | **chemický vzorec** | **triviálny názov** |
| sulfid železnato–železitý |  |  |
|  | CdS |  |
|  |  | chalkopyrit |
| sulfid arzenitý |  |  |
|  | BaSO4 |  |
|  |  | biela skalica |
| síran strontnatý |  |  |
|  | Na2SO4.10H2O |  |
|  |  | cinabarit |

**Úloha 3 (42 b)**

**Úloha A) (7 b)**

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**Úloha B) (12 b)**

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|  | **meno a priezvisko** | **rok** |
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**Úloha C) (11 b)**

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**Úloha D) (12 b)**

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| **rok** | **priezvisko** |
| **1903** |  |
| **1907** |  |
| **1909** |  |
| **1911** |  |
| **1913** |  |
| **1923** |  |
| **1925** |  |
| **1943** |  |
| **1953** |  |
| **1955** |  |
| **1983** |  |
| **2007** |  |

**Úloha 4 (24 b)**

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|  | **latinský názov** | **protónové číslo** |
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