

## DRUGE KISIKOVE ORGANSKE SPOJINE

| VRSTA SKUPINE       | FUNKCIONALNA SKUPINA  |   | IZPELJAVA IMENA       | ...predstavnik...                  |
|---------------------|---|---|-----------------------|------------------------------------|
| aldehidi            | $\begin{array}{c} \text{O} \\   \\ \text{R} - \text{C} - \text{H} \end{array}$        | (aldehydna)<br>$\text{R} - \text{CHO}$          | alkan – AL            | formalin (vodna raztopina etanala) |
| ketoni              | $\begin{array}{c} \text{O} \\    \\ \text{R} - \text{C} - \text{R} \end{array}$       | (ketonska)<br>$\text{R} - \text{CO} - \text{R}$ | alkan – ON            | acetone                            |
| karboksilne kisline | $\begin{array}{c} \text{O} \\   \\ \text{R} - \text{C} \\   \\ \text{OH} \end{array}$ | (karboksilna)<br>$\text{R} - \text{COOH}$       | alkan – OJSKA KISLINA | ocetna (etanojska) kislina         |

Naloga: POIMENUJ SPOJINE

| RACIONALNA FORMULA  | SPOJINA             | ...za VIŠJI NIVO...        |
|---|---------------------|----------------------------|
| $\text{CH}_3 - \text{CO} - \text{C}_4\text{H}_9$                    | heksanON            | heksan-2-on                |
| $\text{C}_4\text{H}_9 - \text{CHO}$                                 | pentanAL            | butil aldehyd              |
| $\text{C}_2\text{H}_5 - \text{COOH}$                                | propanOJSKA KISLINA | /                          |
| $\text{CH}_3 - \text{CH}_2 - \text{CO} - \text{CH}_2 - \text{CH}_3$ | pentanON            | pentan-3-on, dietyln keton |
| $\text{C}_5\text{H}_{11} - \text{CHO}$                              | heksanAL            | pentil aldehyd             |
| $\text{C}_7\text{H}_{15} - \text{OH}$                               | heptanOL            | /                          |
| $\text{CH}_3 - \text{COOH}$   | etanojska kislina   | /                          |
| $\text{C}_2\text{H}_5 - \text{CO} - \text{CH}_3$                    | butan-2-ON          | etyl-metyl keton           |

DN/

$\text{C}_5\text{H}_{11} - \text{CO} - \text{CH}_3$

$\text{C}_7\text{H}_{15} - \text{COOH}$

$\text{C}_3\text{H}_7 - \text{CHO}$