Прилог:

Списак тема које се могу појавити на регионалном такмичењу:

Binary exponentiation

Euclidean algorithm for computing the greatest common divisor

Sieve of Eratosthenes

Dynamic programming

Binary search

 Graph traversal (BFS, DFS)

 Connected components

 Single-source shortest paths (Dijkstra, Bellman-Ford)

 Bipartite Graph Check

 Topological sorting

 RMQ task

Longest increasing subsequence

Списак тема које се могу појавити на Републичком такмичењу:

Trees

 Disjoint Set Union

 Fenwick Tree

 Sqrt Decomposition

 Segment tree

String hashing

Prefix function - Knuth-Morris-Pratt

Z-function

Ternary search

Graphs

Connected components, bridges, articulation points

 All-pairs shortest paths Floyd-Warshall

 MST - Prim’s algorithm

 MST - Kruskal

 MST - Kruskal with Disjoint Set Union

 Eulerian Path

 Lowest Common Ancestor

 Lowest Common Ancestor - Binary Lifting

 Edge connectivity / vertex connectivity

Meet-in-the-middle

Minimax algorithm

Quickselect algorithm