**Control questions**

1. What is the purpose the methods of Software Engineering ?
2. What is the purpose of software engineering tools?
3. Classification of methods of Software Engineering
4. What are the methods of systematic programming?
5. What are main ways of implementing the modular method
6. Basic principles of structural methods Software Engineering.
7. Main characteristics of the structural programs?
8. What is the basic principle of structured programming and modes to implement it?
9. What objects can serve as components of the block diagram software package?
10. What are the main elements of the structural design and programming
11. What is a software module
12. Main characteristics of the software module
13. Basic methods development program structure
14. What is the main point of the method of top-down development?
15. What is the main point of the method of bottom-up development?
16. Feature constructive approach
17. Feature architectural approach
18. What are provides methods focused on data structures?
19. What are the four components provide hierarchically – structuredness program according to the method of of Jackson?
20. What is the order of the program structure of the development in accordance with the method of of Jackson?
21. Define the life cycle.
22. The main stages of the software life cycle.
23. List the model lifecycle
24. What is special about the cascade model? Advantages and disadvantages of this model.
25. What is special about the evolutionary model? Advantages and disadvantages of the model.
26. What makes an iterative model? Advantages and disadvantages of the model.
27. What is the peculiarity of the spiral model? Advantages and disadvantages of the model.
28. What is a software prototyping?
29. The classification of protopies.
30. Essential Tools Prototyping
31. What is the feature of rapid prototyping?
32. What is the feature of evolutionary prototyping?
33. What is the feature of horizontal prototyping
34. What is the feature of vertical prototyping?
35. What you are the feature of disposable prototyping?