

**Kazakh-British Technical University**  
**2020 - Software Engineering**  
**Week #7 Mid-term examination**



Variant 1

Maximum points: 8 points

Student Surname:

Name:

Student ID:

Good Luck!

1. (0.5 points) What is Software Engineering?
2. (0.5 points) What is the Waterfall method?
3. (0.5 points) What is the difference between alpha and beta testing?
4. (0.5 points) What kind of processes are there in Software Testing?
5. (0.5 points) What is Agile software development?
6. (0.5 points) What are Product Requirements?
7. (0.5 points) What is the main difference between Requirement Elicitation and Requirements Specification?
8. (0.5 points) Why do some companies like Apple pay more attention to System Modeling for their products?
9. (0.5 points) What are Software Design Patterns?
10. (0.5 points) What is Model-driven engineering?
11. (0.5 points) Why is Test-Driven Development convenient in the modern software engineering field?
12. (0.4 points) What is the difference between Release testing & User testing?
13. (0.5 points) Which is not included Requirements engineering processes
  - a) Requirements Elicitation
  - b) Requirements Storytelling
  - c) Requirements Validation
  - d) Requirements Specification
14. (0.5 points) What is the Requirement Elicitation?
15. (0.5 points) How do companies get the benefit and earn money for open-source software solutions?
16. (0.5 points) What is not a widely used UML diagram?
  - a) Activity Diagram
  - b) Use Case Diagram
  - c) Class Diagram
  - d) Component Diagram