Business Informatics - pytania na egzamin magisterski

1. Business Informatics as a scientific sub-discipline.
2. Interdisciplinary nature of business informatics.
3. Contemporary challenges of business informatics.
4. Data, information, knowledge, intellectual capital.
5. Classes of information systems.
6. Nature of virtual organizations.
7. Nature of learning organizations.
8. Nature of teleworking.
9. Methods and strategies of software testing.
10. Relational model versus object-oriented model in databases.
11. Data warehousing – types of schemas and business applications.
12. Business Intelligence solutions – types and applications in business.
13. Big Data systems – classification and applications.
14. Areas of IT project management.
15. Creating an enterprise IT architecture.
16. UML language in designing information systems.
17. Agile methodologies for developing information systems. SCRUM.
18. Responsiveness of web portals.
19. Phases of a business process life cycle.
20. Classification of business processes.
21. Nature and application area of business process maps.
22. Electronic data interchange.
23. Structure and properties of SAP ERP system.
24. ERP system life cycle.
25. Types and functionality of CRM systems.
26. Business Analytics Capability Model.
27. Importance of social media in business.
28. Economic evaluation methods for IT projects.
29. Fundamental ethical principles for computer professionals in the ACM Code of Ethics.
30. Legal regulation of access to information.