

Questions for the engineering diploma exam in the field of „**Quality and Production Management**” full-time 1st degree studies

Pytania na egzamin dyplomowy inżynierski na kierunku „**Quality and Production Management**”
studia stacjonarne I stopnia

1. Measurement errors and their classification.
2. Characteristics of the production process and its elements.
3. Characteristics of special processes.
4. The production cycle - methods of its shortening.
5. Product life cycle.
6. Factors of economic growth.
7. Flexible and conventional production systems.
8. Elasticity of supply and demand.
9. Main principles of technical drawing.
10. The idea of the Six Sigma concept.
11. MUDA identification and process mapping.
12. Kanban cards.
13. Classification and properties of waste.
14. LEAN concept.
15. TPM and its elements.
16. Brief characteristics of quality control, visual and visual.
17. Kano questionnaire.
18. Marketing mix.
19. PAMCO method.
20. ABC technology method.
21. Quality management methods.
22. Work motivation.
23. Quality management tools.
24. The importance of patent protection.
25. Basic sources of investment financing.
26. Classification and general characteristics of construction materials.
27. The concept of "bottlenecks" in production processes.
28. The concept and functions of management.
29. The concept and model of the production system.
30. The concept and structure of the balance sheet.
31. Productivity of the production system and its importance.

32. Practices 5S - Implementation Steps and Application.
33. 6 sigma law and process/machine capacity.
34. DMAIC and DMADV.
35. Design and construction of machines.
36. Manufacturing process in the technological and subject aspect.
37. Process control with use of control cards.
38. Management styles.
39. Financial system and its components.
40. Push and pull production systems.
41. SMED method.
42. The "push" and "pull" production systems.
43. Quality management systems.
44. Environmental management systems.
45. Technical application of databases E
46. Types and forms of the production organization.
47. Threats in the workplace - classification and characteristics.
48. Sustainable management.
49. Principles of starting business activity in Poland.
50. Integrated management support systems (MRP, MRP II, ERP, CIM, JiT).