The Road to High Maturity – Questions 15.02.2021/pov@via.dk

1. How long time did it take Systematic to go from ISO 9000 to CMMI level 5? 10 months.
2. Define the CMMI Capability?
3. Define the CMMI Maturity?
4. How long time did Systematic take to move up one maturity level (e.g. L2-to-L3)?
5. Name 2 Research "methodology” ?
6. Who is Kurt Lewin, and what did he do?  
   He is one of the modern pioneers of social, organizational, and applied psychology in the United States
7. What is the strength of Lewin model?  
   The theory of change is reducible to this one idea.
8. Describe the difference between CMM and CMMI ?   
   CMM stands for Capability Maturity Model and measures an organization’s software practices based on five stages.  
   Capability Maturity Model Integration. It is a successor of CMM and a more revolutionized software development model. It allows the incorporation of multiple disciplines as per the needs and wants of the organization
9. What does each CMMI cycle begin with according to a maturity model such as CMMI?
10. What is the purpose of moving CMMI phase? Reach new goals.
11. What is Systematic case study approach?
12. When did Systematic reach CMMI level? After 8 years.
13. What does it mean when Systematic states “Bring the whole system in the room”?
14. How much (in %) does Systematic spend on the early invest in competence development?  
    82% in 2002  
    90% in 2003  
    89% in 2004  
    88% in 2005  
    90% in 2006
15. Name the years Systematic reach the different CMM/CMMI levels?
16. What does it mean when Systematics CEO states, “We are much more attractive to customers?
17. At CMMI level 5, what have happened to the Estimation ability?
18. At year 2005 what was the ability to deliver on time?
19. What was Systematics amount of rework at level 3?
20. What was the reason to start out on the road to high maturity?
21. What management competences is needed to be able to implement CMMI with success?
22. How could the “Wall of fame” start a competition among Systematic projects?
23. What was the problem to have 2 project managers (Project development + Project rollout (SPI))
24. Why is the CMMI differences between small and large projects?
25. What is the meaning of ROI?
26. What kind of people did systematic ask to make CMMI pilot projects?
27. Why did Systematic staff up the Software Process Improvement team at CMMI level 3
28. Why does the general project understand become a big task?
29. What is the advantage of using the same development tools?
30. What did the customers say about Systematics estimations?
31. Name 2 of company’s advantages on CMMI level 3?
32. AT what CMMI level did Systematic start building the basis for the continuously improving organization?
33. Is it needed to have top management commitment at this CMMI level?
34. Why does the organization need Post-performance exhaustion time of 6 month’s?
35. What is balance scorecard used for?
36. Why spend time and money on pilot projects and training of project managers?
37. What was the main problem with Systematics creation of BSC?
38. How long time did it take to make the systematic data warehouse work?
39. What is Key performance indicators?
40. How could the automatically measurement helped changing the culture?
41. What does the Systematic CEO mean by saying “We know what is happening in the projects”?
42. What is the Knowledge networks?
43. How can the certain traditional barriers cause no help from consultants?
44. Why is it important the Knowledge Network had taken ownership of the processes?
45. What does it mean the Knowledge Network had changed from centralized to decentralized secretariat?