

## COMPS 2020: Core

1. Explain a possible teaser of one out of the four-step approaches of Data Analysis Process. (1) Clean the Data; (2) See the Pattern; (3) Fit the Model; (4) Check the Assumptions. Specify how you can apply this knowledge in your dissertation? And if not, why not?
2. Explain advantages and disadvantages of “Community of practice”. Specify how you can apply this knowledge in your dissertation? And if not, why not?
3. Explain Hayek’s insights about the failure of “over-decentralization” in the context of emerging of the crowd! Specify how you can apply this knowledge in your dissertation? And if not, why not?
4. Explain major differences between the arms-length and bank-based financial systems and their relevance in corporate finance. Specify how you can apply this knowledge in your dissertation? And if not, why not?
5. Explain Polányi’s famous manifesto: „we know more than we can tell” which is the basis of Tacit knowledge. Specify how you can apply this knowledge in your dissertation? And if not, why not?
6. Explain six key measures of financial liberalization and their impact on the weighted average cost of capital in the business sector? Specify how you can apply this knowledge in your dissertation? And if not, why not?
7. Explain systematic mistakes of past history and errors of past predictions. Specify how you can apply this knowledge in your dissertation? And if not, why not?
8. Explain the significance of the quality of data in forecasting. What conditions enable the use of the past to predict the future? Specify how you can apply this knowledge in your dissertation? And if not, why not?
9. Explain what „idea practitioners” do in their organizations and how their work could be supported from the top level? Specify how you can apply this knowledge in your dissertation? And if not, why not?
10. What are the major contributions of capital asset pricing model (CAPM) in corporate finance? Specify how you can apply this knowledge in your dissertation? And if not, why not?

## COMPS 2020: Transdisciplinary

11. Explain empowerment powerlessness or another pattern of power. Specify how you can apply this knowledge in your dissertation? And if not, why not?
12. Explain how you account for the high rate of employee turnover in European businesses. Specify how you can apply this knowledge in your dissertation? And if not, why not?
13. Explain whether it is possible to reconcile the profit motive with ethical business practices. Specify how you can apply this knowledge in your dissertation? And if not, why not?
14. Explain James Gleick's philosophical views on determinism and free will? Specify how you can apply this knowledge in your dissertation? And if not, why not?
15. Explain the essence of transdisciplinary approach to problem solving in social studies. How does it differ from interdisciplinary, cross-disciplinary, and multidisciplinary approaches? Specify how you can apply this knowledge in your dissertation?
16. Explain the major difference between theories of endogenous money supply and exogenous money supply. Who are the major actors in determining money supply in the first case (endogenous money supply) and who is the major supplier of money in the second case (exogenous money supply)? Specify how you can apply this knowledge in your dissertation? And if not, why not?
17. Explain the term "long tail". Specify how you can apply the Pareto Principle in your dissertation? And if not, why not?
18. Explain what is at the core of the Minsky model, what types of economic units Minsky introduced in his theory, and why this theory has been so relevant since the recent global financial crisis in setting up a series of new standards for capital adequacy and prudential regulation? Specify how you can apply this knowledge in your dissertation? And if not, why not?
19. Explain what the main driving force of disequilibrium dynamics is and what the major microeconomic factors are - according to Wicksell, Keynes and Iwai -, leading to inevitable disequilibrium at a macro level, thus calling for an active economic policy lead by the government (active fiscal and active monetary policy). Specify how you can apply this knowledge in your dissertation? And if not, why not?
20. Explain why nowadays value creation presumes change. Specify how you can apply this knowledge in your dissertation? And if not, why not?

## COMPS 2020: Management

21. Are the documented statistical associations economically meaningful? Are they interpreted correctly? Specify how you can apply this knowledge in your dissertation? And if not, why not?
22. Describe the advanced supply chain strategies of aggregation, risk pooling and postponement. How can these strategies make an inventory reduction (cycle and/or safety stock) possible without decreasing the service to the customers? Specify how you can apply this knowledge in your dissertation? And if not, why not?
23. Explain how organizations can use lean Six Sigma to improve capability of their business. Specify how you can apply this knowledge in your dissertation? And if not, why not?
24. Explain the “Bullwhip Effect” and what the main reasons for the existence of this phenomena are. Specify how you can apply this knowledge in your dissertation? And if not, why not?
25. Explain the “cost accounting” approaches for a manufacturer, merchandiser and service firm. Specify how you can apply this knowledge in your dissertation? And if not, why not?
26. Make a comparison between the traditional (so-called Kotler type) marketing management paradigm and SDL (Service Dominant Logic). Why is SDL so attractive in the scientific discussions? Specify how you can apply this knowledge in your dissertation? And if not, why not?
27. Reflect on the difficulties and importance of supply chain coordination. List some reasons of the bullwhip effect and some possible decisions to decrease the bullwhip effect in a supply chain. Specify how you can apply this knowledge in your dissertation? And if not, why not?
28. What are the most important financial measures of supply chain evaluation? Describe the role of accounts receivable, accounts payable and inventory turn in a supply chain. Explain how these measures are integrated in the cash-to-cash cycle measure? Specify how you can apply this knowledge in your dissertation? And if not, why not?
29. What is the push/pull view of supply chain? What are the strategic advantages of push and pull approach? Where would you put the push-pull boundary for standard products and for customized products? Specify how you can apply this knowledge in your dissertation? And if not, why not?
30. Which trends can determine the importance and the role of marketing in a company? What do you think about the changes of the company's market orientation (reasons and the directions of changes)? Specify how you can apply this knowledge in your dissertation? And if not, why not?