

Final Exam Questions

1. Describe traffic survey methods according to their implementation
2. Introduce the beginning of railway transport
3. Describe the development of inland waterway transport
4. Describe the development of air traffic control
5. Classification of bus traffic by territorial and ownership aspects
6. Problems in regional bus transport system
7. Storing, examining and repairing parameters of the regional bus transport system
8. Role of public service contract in Hungarian public bus transport system
9. Basic elements and terms in railway transport. Turning of the railway wheelset
10. Construction and operation of the automatic (Westinghouse) air brake system
11. Types and functions of railway stations (incl. open line services)
12. Describe the classification methods of rail freight cars; compare them regarding productivity and safety
13. Necessity of public transport prioritization
14. Main benefits that passengers/operators/society can achieve during public transport prioritization
15. Classification of public transport priority treatments
16. Basic questions of the network planning process and the appropriate names and order of FSM steps
17. Introduce the two levels of transport modelling in general
18. Introduce interoperability and intermodality in general
19. Introduce the main features and advantages of an optional intermodal or interoperable system
20. Specialities of urban transport and their effects on road and public transport systems
21. Classification of urban public transport modes; main technical differences between the most common ones
22. Passenger capacity of public transport lines. Compare the typical service parameters of two specific modes, and explain their effect on the application area of the two modes
23. Cost structure of public transport systems; application range of specific modes based on average service costs