

CBCS SCHEME

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18PLN53

Fifth Semester B. Planning Degree Examination, Jan./Feb. 2021 Transportation Planning – II

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 Explain briefly about National Urban Transport Policy. (20 Marks)

OR

- 2 Explain briefly about the land use transportation policy along with the cycle. (20 Marks)

Module-2

- 3 Define TOD. Explain the concept of TOD along with the advantages, with neat sketches. Explain design principles of TOD. (20 Marks)

OR

- 4 Define the term Urban form. Discuss briefly the impact of land use and transport. (20 Marks)

Module-3

- 5 What Regional Transport Planning? Explain in detail about the data required and techniques used to plan. (20 Marks)

OR

- 6 Explain how regional transport accessibility is more essential in reducing the Rural-Regional Poverty. (20 Marks)

Module-4

- 7 Explain briefly about the transport economics and explain the factors influencing the transportation costs and pricing. (20 Marks)

OR

- 8 Explain briefly about the PPP model and explain with any one good example by using PPP model in transportation. (20 Marks)

Module-5

- 9 What is Intelligent Transportation System? Along with it, explain the concept and major components of ITS? (any three components explanation) (20 Marks)

OR

- 10 Write short notes on:

- | | | |
|--------------------|----------------------|------------|
| a. Smart parking | b. SCADA | |
| c. Smart ticketing | d. Big data analysis | (20 Marks) |

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and/or equations written eg, 42+8 = 50, will be treated as malpractice.