

# GBCS 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.