



Daffodil International University  
Department of Architecture  
Faculty of Engineering

## Final Examination; Semester: Fall 2024

Course Code: Plan-211

Course Title: Physical Planning Fundamentals

Course Teacher: Nafisa Farid Moumi

Time: 2.00 Hrs.

Level & Term: L2/ T1

Section: A

Date: 24. 12. 24

Full Marks: 40

Answer **any 8 of the following** questions:

SL	Question	Marks
1	a) What do you understand by land use and land cover? b) Identify a few factors considered for industrial site selection.	2+3=5 [CLO 1, 2]
2	a) What do you understand by open space? b) What are the four categories of urban open space based on size and function? Briefly explain their characteristics with relevant examples.	1+ 4=5 [CLO 1, 3]
3	a) Briefly explain the three land use values with examples. b) What do you understand by mobility and accessibility?	3+2=5 [CLO 1]
4	Write short note on the following two: a) Transit Oriented Development (TOD) b) Urban Fringe	5 [CLO 1]
5	Among 'mixed' and 'segregated' land use patterns, which one do you prefer for Dhaka city? Justify your answer by discussing the pros and cons of both patterns.	5 [CLO 3]
6	Identify the five zones of a city according to the Concentric Zone Model and briefly describe their activities	5 [CLO 1]
7	The following figure shows the "Multiple Nuclei Model" of urban structure. Identify the zones ( <i>as shown in numbers</i> ) and write down at least two principles that the model follows.	5 [CLO 2]



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8	What is the purpose of density and height zoning? How can you apply them?	5 [CLO 1, 4]
9	What is urban renewal? Briefly explain the three methods of urban renewal.	5 [CLO 1, 4]