



VIT
Vellore Institute of Technology

Final Assessment Test – November 2019
Course: CLE1016 - Urban Planning
Class NBR(s): 7407
Time: Three Hours

Slot: A1+TA1
Max. Marks: 100

KEEPING MOBILE PHONE/SMART WATCH, EVEN IN 'OFF' POSITION, IS EXAM MALPRACTICE

PART – A (8 X 5 = 40 Marks)

Answer ALL Questions



1. List the objectives of town planning.
2. What type of data will be needed for planning any future land use?
3. How does an urban environment impact the social and psychological behaviour of the public living in it?
4. What are some of the advantages and disadvantages of para transmit mode of transportation?
5. Provide some measures/suggestions for reducing traffic congestion along busy corridors in a city or a town.
6. What are the requirements of a residential building should meet in order to provide a harmonious living environment for its residents?
7. How would you select a site for solid waste disposal in a city/town?
8. What are the factors to be considered by a town planner while designing a town road?

PART – B (4 X 15 = 60 Marks)

Answer any FOUR Questions

9. What are the principles for selecting an appropriate water supply scheme for a city? Describe in detail of different types of water supply schemes and pipe network configurations.
10. Write a detailed notes on planning tools required for a proper urban planning.
11. What are the different types of zoning? Discuss in detail their characteristics, weakness and strengths.
12. What are the impacts of urbanization on the following environmental process/parameters:
 - a) Air quality
 - b) Noise environment
 - c) Water availability
 - d) Natural drainage system
 - e) Local flora and fauna
13. Discuss in detail the travel demand modelling to forecast the transportation arrangement for an urban area.
14. The GoI (Government of India) under its smart city project has designated about 36 towns across the country to be modelled as smart cities. Vellore is one among them. As an urban planner how will you accomplish this task? Give your suggestions for improving/converting the existing urban infrastructure of Vellore to meet smart city standards. You can focus your suggestions on improving of the following urban components:
 - a) Traffic management
 - b) Solid waste management
 - c) Stormwater management
 - d) Water harvesting, recycle and reuse
 - e) Environmental sustainability

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ON TELEGRAM TO JOIN**

