Bachelor of Architecture: 8th Semester Final Examination 2007

Subject: Principles of Human Settlement II Code: AR 801

Full Marks 100

Time 3 hours

- a) Answer any 4 questions.
- b) All questions carry equal marks of 25.
- c) Appropriate sketches and drawings will be appreciated for marking, if applicable.
- 1. Discuss in brief the trend of urbanization in India as observed from the data of the Census of India 2001, stating the percentage distribution of population in various classes of Towns, and hint on the role of the Megacities in this process.
- 2. Discuss on the survey techniques generally applied for assessment of the need for the people regarding urban amenities. What in Land Use Survey? What are the predominant Land uses observed in any general city in India? What are the Compatible Land Uses? What are the Incompatible Land Uses?
- 3. What are the general problems of the older areas of a Town/City? Discuss how congestion and decay affect the urban life. Answer with examples from your experience regarding such an area in any city/ town and state a few remedial measures that may be taken to improve the physical condition of that area.
- 4. What is Primary Trip? What is Secondary Trip? What is Origin and Destination Survey? State the expected outcome of an OD Survey specifying its need.
- 5. What is Zoning? Why zoning is needed in a city? Opine on the probable merits and demerits of applying zoning regulations on a City/ Town. Discuss on the general practices of locating industries in and around an urban area, and the role of zoning in its manifestation.
- 6. Describe the significance of the Demographic profile of an urban area. What is Age-Sex pyramid and what is its significance? State various patterns of the Age Sex pyramid those are observed in different socio-economic conditions.
- 7. Discuss how the poorer sections of the town people may be benefited from the town planning endeavours such as Slum Improvement Programs. Discuss and explain your ideas in brief whether the Slum areas can be "done away with" from the modern cities ever in future.
- 8. Discuss the probable effect of the boom in Information Technology and advanced networking in the spatial morphology of the Towns/Cities. Opine on the future scenario of the growth of the Towns considering the earlier theories of Centrality (Ref. Alonso, Muth, etc.), poly-nodal growth, theories of Ekistics and impact of Information Technology.