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GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER- I (New course) • REMEDIAL EXAMINATION - SUMMER 2015 Subject Code: 2714801 Date: 13/05/2015 Subject Name: Planning History & Theory Time: 10:30 am to 1:00 pm **Total Marks: 70 Instructions:** 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. **Q.1** (a) Discuss contribution of Patrick Geddes in field of town planning. 07 What do you mean by green belt? Discuss the same using one example. 07 0.2 With help of census data, critically discuss the scenario of urbanisation in 07 country and thereafter compare the same with global scenario of urbanisation. State briefly the history of industrial revolution and discuss thereafter how it 07 contributed in better towns for people. OR (b) What concept was given by Ebenezer Howard? Discuss with help of neat 07 sketches. 0.3 07 (a) Explain ó Ecopolis, Polis, Metropolis, Megalopolis, Nikropolis. (b) What do you mean by functional classification of towns? Discuss planning of **07** recreational town with one example. OR **Q.3** (a) Explain why it is necessary for a town planner to account for climate and **07** climate changes. What is landuse? What is ideal landuse for residential town? Discuss in detail. 07 (b) 0.4 07 (a) In detail with help of neat sketches, explain ribbon development. What are the various environmental issues of concern for a town planner? 07 OR (a) Discriminate organic and grid iron pattern of growth with examples and neat 0.4 07 sketches. **(b)** While selecting a site for new city, what are the vital factors? Explain. **07** 0.5 Short note ó Chandigarh town planning. 07 (a) Discuss transportation facility as a function of landuse. **07** OR 0.5 Short note ó Mega city as a settlement. 07 **(b)** What is sustainable development? Explain in detail. 07
