

GUJARAT TECHNOLOGICAL UNIVERSITY
BPLAN – SEMESTER III– • EXAMINATION – WINTER 2016

Subject Code: 1035502

Date:19 /11/2016

Subject Name: Settlement Geography

Time:10:30 AM to 12:30 PM

Total Marks: 50

Instructions:

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

Q.1 (a) Multiple choice question **06**

- i) 'Gateway Cities' are central places of a region located _____.
 - a) In the centre
 - b) Near to the centre
 - c) On the edge of the region
 - d) Along the river
- ii) Which of the following model/theory talks about City-rich and City-poor sectors?
 - a) Christaller
 - b) Hyot
 - c) Reilly
 - d) Losch
- iii) As per Christaller's Central Place Theory, for every one higher order center there are _____ lower-order centers.
 - a) 4
 - b) 5
 - c) 6
 - d) 7
- iv) The ratio of central functions to population level is generally higher than average in _____ towns.
 - a) Tourist
 - b) Small
 - c) Suburban
 - d) Capital
- v) Sector theory of urban structure is developed _____.
 - a) Burgess
 - b) Hyot
 - c) Park
 - d) Harris
- vi) Alonso's theory is an urban location theory based on _____.
 - a) Land prices/rent
 - b) Transportation axis
 - c) Income level
 - d) Human ecology

(b) Define ANY 2 of following terms. **04**

- i) Conurbation
- ii) Range and Threshold
- iii) Primate city

Q.2 (a) Discuss the differences in ‘Development’ and ‘Urbanization’ across India with respect to geographical aspects and their implications. **06**

- (b) Write a brief note on 'Settlement Geography'. **04**
- OR**
- (b) Write a note on Spatial Tradition of settlement geography. **04**
- Q.3** (a) Smaller settlements are more in numbers and located closer. And larger settlements are fewer and located at farther distances.- Explain using principles of Christaller's Central Place Theory. **05**
- (b) Draw a sketch and write a note on Multiple Nuclei Theory. **05**
- OR**
- Q.3** (a) Draw the pattern of central place framework as per marketing principle of Christaller's theory. Explain hierarchy of settlements and K=3 concept. **05**
- (b) Write a note on White's Model for 21st Century City. **05**
- Q.4** Write a brief note for ANY 2 of following.
- (a) Rank-size Rule **05**
- (b) Reilly's Law of Gravitation **05**
- (c) Vance's Urban-Realms Model **05**
- Q.5** (a) Write a note on 'Formal Region'. **05**
- (b) Write a note on 'Functional Region'. **05**
- OR**
- Q.5** (a) Write a note on 'Counterurbanization'. **05**
- (b) Discuss the issues/ challenges and opportunities posed by Rural-Urban Fringe development in Indian cities. **05**
