Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.PLAN - SEMESTER–III EXAMINATION – WINTER 2015

Subject Code: 1035502 **Date:07/12/2015**

Subject Name: Settlement Geography

Time: 10:30am to 12:30pm **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) Which of the following tradition of settlement geography emphasize on quantitative methods?
a) Human-Environment c) Regional
b) Man-Land d) Spatial

ii) Is the 'Center' of a region always at the geographic center of its tributary area?
a) Yes, always c) Never
b) Not necessary d) None of the above

iii) A consumer product 'P' is available in all the following cities. As per real-life scenario, in which of the following city the range of 'P' is likely to be highest?
a) Population- 5 lac, Central Functions- 300
b) Population- 3 lac, Central Functions- 300
c) Population- 5 lac, Central Functions- 500
d) Population- 2 lac, Central Functions- 300

iv) Which of the following model/theory talks about City-rich and City-poor sectors?
a) Christaller c) Zipf
b) Losch d) Hyot

v) The movement between two towns is _____ proportional to the product of their populations, and _____ proportional to the distance between them.
a) Directly, Directly c) Inversely, Directly
b) Directly, Inversely d) Inversely, Inversely

vi) Urban structure model developed by Burgess is based on _____ perspective.
a) Economic c) Human Ecology
b) Ecology and Environment d) Commercial

(b) Define following terms (Any Four) **04**

i) Primate city

ii) Special Functions

iii) Upper Range

iv) Functional Region

v) CBD

Q.2	**(a)**	Sketch a schematic map of Gujarat and delineate different regions, sub-regions for the purpose of planning. Write a note explaining such delineation. Also draw other sketches/maps as and if required.	**05**
	(b)	Sketch the central place framework as per Christaller's principles of K=3, K=4 and K=7.	**05**
		OR	
	(b)	Explain the dependency of small towns on large cities with the help of key concepts of Central Place Theory.	**05**
Q.3	**(a)**	'Planabad' is a town located between Town A and Town B. Population of Town A and Town B is 12 lacs and 8 lacs respectively. The distance of 'Planabad' from Town A and Town B is 20 km and 10 km respectively. Population of 'Planabad' is 3,52,000. Considering the people of 'Planabad' is dependent on Town A and Town B for certain goods/services, calculate the following by applying Reilly's Law. i. The Population of 'Planabad' that will depend on Town A. ii. The Population of 'Planabad' that will depend on Town B.	**05**
	(b)	Exhibit a system of land use classification for an urban area.	**05**
		OR	
Q.3	**(a)**	Discuss the features that have been historically important in selecting the 'Site' for settlements.	**05**
	(b)	Write a note on Spatial Tradition of settlement geography.	**05**
Q.4	**(a)**	Write a note on Concentric Zone Theory.	**05**
	(b)	Write a note on White's Model for 21st Century City.	**05**
		OR	
Q.4	**(a)**	Write a note on Sector Theory.	**05**
	(b)	Write a note on Alonso's Bid-rent Theory.	**05**
Q.5	**(a)**	Write a note on Suburbanization.	**05**
	(b)	Write a note on five elements forming the image of a city.	**05**
		OR	
Q.5	**(a)**	Write a note on types of Urban Region.	**05**
	(b)	Discuss the character of Rural-Urban Fringe giving example of any Indian city with a million plus population.	**05**

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