

GUJARAT TECHNOLOGICAL UNIVERSITY
BPLAN- SEMESTER- 3 EXAMINATION – SUMMER 2016

Subject Code: 1035505

Date: 12/05/2016

Subject Name: Demography and Urbanization

Time: 02.30PM-04.30PM

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)** (1) Infant mortality rate is about knowing the death rate for children below the age of _____ months. **06**
- (a) 6 months (b) 14 months
(c) 12 months (d) 18 months
- (2) _____ means the increase in the proportion of urban population to the total population.
- (a) Urbanism (b) Migration
(c) Urbanization (d) Demography
- (3) The population of any area can change depending on the three demographic processes of fertility, mortality and _____
- (a) Migration (b) Urbanism
(c) Inclusion (d) All of above
- (4) If net migration is negative, it means that _____ is more in the area.
- (a) In-migration (b) Out-migration
(c) rural-urban migration (d) overall migration
- (5) All places with a municipality, cantonment board or notified town area committee are classified as _____ as per Census of India 2011.
- (a) City (b) Municipality
(c) Urban (d) Corporation
- 6) A central place is a settlement which serves as _____ for a number of other settlements which are dependent on it.
- (a) Headquarter (b) Capital
(c) City (d) Focal Point
- (b)** Define the following terms: (Any Four) **04**
- (1) Population Density
(2) Fertility
(3) Migration
(4) Area of city influence
(5) Rural-urban Dichotomy
- Q.2 (a)** Define what is 'Demography'? What is its significance in urban planning? **05**
- (b) What will happen if we do not make efforts to control population? **05**
- OR**
- (b) Write in brief about Thomas Malthus's contribution in demography? **05**

- Q.3 (a)** What are the impacts of British Rule on urbanization in India? **05**
- (b)** Explain in detail, any two methods to estimate the current population of a neighbourhood having an area of about 100 Ha contained in a corporation's jurisdiction? **05**

OR

- (b)** List down any five population components to be considered while creating the demographic profile of a city for urban planning exercises? Write one line about each component explaining its importance. **05**

- Q.4 (a)** Who is called a 'migrant' as per Census of India definition? What is the importance of understanding migration in planning? **05**

- (b)** Define what is meant by 'in-migration', 'out-migration' and 'net migration' for an area? What are the different streams of migration? **05**

OR

- (b)** Explain what are the impacts of primary, secondary and tertiary economic activities on the urbanization process of any region **05**

- Q.5 (a)** Define what is 'rural-urban fringe'? What are the distinct features of a 'rural-urban fringe zone'? **05**

OR

- (a)** Explain what do you understand by the pull and push factors of migration? Write in a tabular format what could be the push and pull factors for rural-to-rural and rural-to-urban migration? **05**

- (b)** Write down formulas to calculate the following: % Urbanization, Literacy Rate, Sex Ratio, General Fertility Rate, Infant Mortality Rate **05**

OR

- (b)** Calculate per 1000 women the prevailing Crude Birth Rate (CBR), General Fertility Rate (GFR) and Age Specific Fertility Rate (ASFR) for age groups - (20-24), (25-29) and (30-34) for an unknown region using data given below: **05**

Age Group of Women	Number of Births	Mid-year Female Population
15-19	25,000	10,00,000
20-24	1,30,000	14,00,000
25-29	1,45,000	13,50,000
30-34	50,000	10,00,000
35-39	10,000	8,00,000
40-44	3,000	7,00,000
45-49	200	6,00,000
Total	363200	68,50,000
TOTAL MID-YEAR POPULATION = 2,00,00,000		
