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

Su	bject	t Code: 1025506 Date:23 /11/2016	
	0	t Name: Techniques of Planning - I	
Tiı	me:0	2:30 PM to 04:30 PM Total Marks: 50	
Inst	tructi	ons:	
	2.	 Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 	
Q.1	(a)	Fill in the blanks.	05
		 The total sum of a pie diagram is always Hatch Pattern of marking can be used to identify feature. Red is identified color for landuse. Time period of an Action Plan can be upto years. Self survey, Interview and Mailed questioners are part of survey. 	
	(b)	Write down the sentences are True of False	05
		 Spatial data can be represented with a use of Charts and Diagrams Ariel Photography are part of a physical Surveys Scale for Regional Level basemap is smaller than a City Level basemap. North Arrow and Key Map are the essential part of a Base Map. Representation of a spatial data is always in black and white form. 	
Q.2	(a) (b)	Explain any two sampling techniques with example What is the purpose of Mapping in Planning? Explain in brief. OR	05 05
	(b)	What is landuse classification? How it is useful in mapping?	05
Q.3	(a) (b)	What are the types of Socio Economic Surveys? Describe the essential elements of a Base Map OR	05 05
Q.3	(a) (b)	What are the difference between Spatial data and Non- Spatial data? What are the difference between Primary data & Secondary data? Give examples.	05 05
Q.4	(a) (b)	Explain the representation techniques of Spatial Data on a Base Map What is Built and Un-built area? How it should represented on a map OR	05 05
Q.4	(a) (b)	Explain the representation techniques of Statistical data in Analysis What kind of data we can explain through Bar Charts and Pie Charts? Expalin with example and graphs.	05 05
Q.5		Ahmadabad Municipal Corporation is planning to conduct a Household and Socio-Economic Survey of all the slums existing in the city. As a Town Planner you have given responsibility to prepare a survey format for the mentioned survey.	10

• Prepare a Sample Survey Format as per the requirement.
