

**PARUL UNIVERSITY**  
**FACULTY OF ARCHITECTURE & PLANNING**  
**M. Plan., Summer 2018-19 Examination**

**Semester: 2****Date: 20/05/2019****Subject Code: 01201152****Time: 02:00 pm to 04:00 pm****Subject Name: Advanced Planning Techniques****Total Marks: 50****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever required.
4. Draw suitable sketches wherever required.

**Q.1** Explain what is a 'Survey'? Enlist and explain briefly various types of 'Surveys'? Enlist database required for Physical surveys, along with sources of acquiring information regarding the same. **(10)**

**Q.2 Answer the following: (Any 5)** **(20)**

- a. What is a 'Response'? Enlist and explain briefly types of Response.
- b. Enlist various database to be considered before conducting a 'Socio-economic survey'. Mention the sources from where you could acquire various details to formulate that database.
- c. What is a 'Questionnaire'? Give its purpose and the key points to be kept in mind while designing a questionnaire.
- d. What is 'Referencing'? Give purpose of 'Referencing'? Give an example of mentioning a reference in a report.
- e. Enlist all and explain any two 'Sampling Methods' briefly.
- f. 'Research Methodology' in Planning. **(10)**

**Q.3 Explain the terms: (Any 5)**

- a. Geo-coding
- b. Geographic information system
- c. Urban Information system
- d. Global Positioning System
- e. Geo-referencing
- f. Land Information system **(10)**

**Q.4 Answer the Following: (Any 2)**

- a. Explain in short, each of the following, considering any given project in general:
  1. Aim
  2. Objectives
  3. Research Method
  4. Scope of the work
  5. Limitation
- b. Give a brief idea of the Structure of a 'Development Plan'.
- c. Enlist various 'Land-uses' (along with colour code) as per the classification of land use in a Development Plan.