

**B. Tech. Sem – VIII (Civil Engg.) (2014 COURSE) (CBCS) :  
SUMMER - 2019**

**SUBJECT : ELECTIVE – III : DEVELOPMENT ENGINEERING**

Day : Thursday  
Date : 30/05/2019

Time : 02.30 PM TO 05.30 PM  
Max. Marks : 60

**S-2019-2884**

**N. B. :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.
- 4) Assume suitable data, if necessary.

**Q. 1** What are different issues and challenges associated with electricity and public transport in India? Explain. (10)

**OR**

**Q. 1** What is the status of socioeconomic development in India? Explain. (10)

**Q. 2** Explain scope and objectives of Unnat Bharat Abhiyan, Unnat Maharashtra Abhiyan. (10)

**OR**

**Q. 2** What are the advantages of water shed development projects for rural areas? Explain. (10)

**Q. 3** What is the necessity of environmental analysis of development projects? Explain. (10)

**OR**

**Q. 3** What is life cycle costing? Explain its use in development projects. (10)

**Q. 4** Write a note: Primary data gathering tool – Delphi. (10)

**OR**

**Q. 4** Write a note: Possible problem identification in existing schemes. (10)

**Q. 5** What are the various GIS softwares? Explain benefits and use of GIS software in development projects. (10)

**OR**

**Q. 5** What are the advantages of Integrated use of GIS with GPS? Explain with example. (10)

**Q. 6** What is the necessity of social impact assessment of development projects? Explain. (10)

**OR**

**Q. 6** Write a note on: PRA, RRA. (10)

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