

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.
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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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