

GUJARAT TECHNOLOGICAL UNIVERSITY
M. E. - SEMESTER – I • EXAMINATION – WINTER • 2014

Subject code: 2714809**Date: 12-01-2015****Subject Name: Project Planning and Appraisal****Time: 02:30 pm - 05:00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of non-programmable calculator is permitted

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|------------|-----|--|-----------|
| Q.1 | (a) | What projects are considered as planning projects? Elaborate your answer with suitable two examples. | 07 |
| | (b) | Express the project life cycle using a diagram and explain various stages with importance of management at each level. | 07 |
| Q.2 | (a) | Enlist contents of a DPR of water supply system augmentation project for a town. | 07 |
| | (b) | How project proposal of city level infrastructure is appraised? | 07 |
| | | OR | |
| | (b) | What are various techniques of demand forecasting? Explain any one technique in detail. | 07 |
| Q.3 | (a) | Explain the capital budgeting and shadow pricing. | 07 |
| | (b) | Prepare a detailed note on UNIDO. | 07 |
| | | OR | |
| Q.3 | (a) | What are the pitfalls of an urban infrastructure project? Support your answer giving suitable example. | 07 |
| | (b) | What crucial role a project manager has to play towards controlling function? | 07 |
| Q.4 | (a) | Which are techniques to monitor development works? Explain any one in detail. | 07 |
| | (b) | Explain the Environmental Management Plan. | 07 |
| | | OR | |
| Q.4 | (a) | Explain the process of formulating a PPP project in India. | 07 |
| | (b) | Enlist various PPP models applicable for urban infrastructure projects. Explain any two in detail. | 07 |
| Q.5 | (a) | Prepare a detailed note on National Rehabilitation and Resettlement Policy (2007) of India. | 07 |
| | (b) | List out contents of an EIA for proposal of water resource reservoir construction to supply water to urban areas. | 07 |
| | | OR | |
| Q.5 | (a) | Prepare a WBS for a flyover bridge and also allocate time for various tasks and activities involved. | 07 |
| | (b) | Explain regulatory framework for government projects. | 07 |
