Seat No.:	Enrolment No
Jean 110	Emoment No

## GUJARAT TECHNOLOGICAL UNIVERSITY ME - SEMESTER-IV (NEW) EXAMINATION – SUMMER-2017

Date: 03/05/2017

Subject Code: 2741403

	Tim	oject Name: Infrastructure Projects ne:02:30 pm to 05:00 pm Total Marks: 70 ructions:  1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.	
Q.1	(a)	How do correlate infrastructure development and overall development of country. Explain the answer with Indian Context.	07
	<b>(b)</b>	Describe the significance of special economic zone and various aspect to be considered for the planning of special economic zone.	07
Q.2	(a) (b)	What does Infrastructure project life cycle mean? Explain its various stages in detail.  Discuss the overview of following sectors with context to infrastructure development  (1)Power Sector (2) Telecommunication Sector  OR	07 07
	<b>(b)</b>	Enlist and explain various factors affecting the infrastructure planning. Also discuss the limitations and constraint in infrastructure development.	07
Q.3	(a) (b)	Describe PPP Projects and its procurement process in India with suitable example.  Discuss the socio environmental risks associated with infrastructure project? Also explain its implications with suitable example	07 07
Q.3	(a)	OR  Enlist and explain various problems and challenges associated with privatization of	07
Q.S	(a)	Infrastructure projects in India. Support your answer with suitable example.	07
	<b>(b)</b>	Discuss the cultural risks associated with infrastructure project? Also explain its implications with suitable example	07
Q.4	(a)	Write short notes on:	07
	<b>(b)</b>	(1) Design of sustainable contract (2) Risk management strategies Differentiate between urban and rural infrastructure in detail.  OR	07
Q.4	(a)	Explain the innovative design and effective maintenance of infrastructure facilities with suitable example	07
	<b>(b)</b>	Discuss about infrastructure project finance and its management.	07
Q.5	(a) (b)	Describe the economic and financial appraisal of BOT Projects.  Write short notes on:  (1) Sustainable development of infrastructure (2) Scope of infrastructure management  OR	07 07
Q.5	(a) (b)	Discuss the role of government for the successful PPP projects with suitable example Explain the risk mapping in infrastructural projects with suitable example.	07 07

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