Total N	o. of Questions : 6] SEAT No. :	
<b>P4</b>	[Total No. of Page	ges: 1
1 7	APR-17/BE/Insem4	9
	B.E. (Civil)	
	ADVANCED FOUNDATION ENGINEERING	
(	w.e.f June 2015) (2012 Pattern) (Elective - III(2))	
`	1 Hour   (Max. Mark	
	ctions to the candidates:	
1) 2)		
<b>Q1</b> ) a)	Explain IRC provisions for subsoil exploration of roads.	[5]
b)	Explain any one case study of failure of deep foundation with p justification of failure.	ropei
	OR	
<b>Q2</b> ) a)	Explain depth of soil exploration for different types of foundation per IS 1892.	ons as [ <b>5</b> ]
b)	Explain in detail the soil exploration program for construction bridge.	of a [5]
<b>Q3</b> ) a) b)		[5] [5]
<b>Q4</b> ) a) b)	•	[5] . [5]
<b>Q5</b> ) a)	of each component parts.	etions [5] [5]

## ಹಿತ್ತುಕ್ಕ

piles & explain meaning of each term.

Write a short note on stone columns.

**Q6**) a)

b)

Write a static formula to estimate load carrying capacity of under reamed

[5] [5]