PES University, Bangalore
(Established under Karnataka Act No. 16 of 2013)

UE15CS431

END SEMESTER ASSESSMENT (ESA) . VII SEMESTER- December 2018
Human Computer Interaction(MOOC Course)

Time: 3 Hrs   Answer All Questions   Max Marks: 100

1.	a)	Discuss in detail distributed cognition with an example	10
	b)	Explain in detail low fidelity and high fidelity prototyping. Please specify a case study,	10
2.	a)	Discuss the design alternative and requirements gathering that are to be considered while developing any system	10
	b)	Elaborate on task analysis in HCI	5
	c)	Explain the trade off in prototyping	5
3.	a)	Discuss the difference between empirical and qualitative evaluation with a suitable example	10
	b)	Explain the need for prototyping .	5
	c)	Discuss in detail rules for group brain storming	5
4.	a)	Discuss the applications of HCI in various domains	5
	b)	Discuss in detail about evaluation timeline	5
	c)	Describe context sensitive ubiquitous computing with a suitable example.	10
5.	a)	Discuss the demand for rapid HCI and agile development techniques	5
	b)	What is empirical research. What is the appropriate research question in the context of empirical research	5
	c)	Illustrate six principles of user centric design	6
	d)	What is naturalistic design . Give some salient points related to it.	4