

**Bharati Vidyapeeth
(Deemed to be University), Pune
School of Distance Education**

Name of the Assignment Setter:		Dr. Satyawan Changadev Hembade			
Course:		Class:	MCA	Semester:	IV
Subject:	(02)B- Introduction to Data Science				
Q.1)	Attempt ANY ONE of the Following (1000 Words)				(10)
a)	What do you know about association Mining? Explain Apriori algorithm used for association Mining.				
b)	What is classification? Explain the classification by Decision Tree Induction.				
Q.2)	Attempt ANY TWO of the Following (800 Words)				(12)
a)	When to use Linear Regression? Provide an example about usage of it.				
b)	Which mechanism you will apply on 'Loan Data set' and why?				
c)	Illustrate how do we do apply clustering on 'Iris Data set'.				
d)	When to use deep learning? State and describe machine learning mechanism used for it.				
Q.3)	Write Short Notes on (ANY TWO)				(08)
a)	Holdout Method				
b)	Supervised learning				
c)	Feature selection				
d)	Hierarchical Clustering				
