Time: (3 Hours)	[Total Marks: 80	
N.B.: 1) Question No. 1 is comp	ulsory.	
2) Answer any three out of	remaining questions.	
3) Assume suitable data if r	necessary.	
4) Figures to the right indic	cate full marks.	
	A The Elek Elek	\$ P
Q1. (a) Briefly explain properties	s of knowledge representation system.	(5)
Q1. (b) Differentiate between par	rtial order planning and hierarchical planning.	(5)
Q1. (c) List down Big Data Chara	acteristics.	(5)
Q1. (d) Compare OLTP and OLA	AP. List one example of each,	(5)
Q2. (a) Define Data Mining. Wha	at are the issues in data mining?,	(10
——————————————————————————————————————	ent types of agents. Explain Goal based and utility-b	ased
agents.	The state of the s	(10
\X	lain the components of Expert System. tics. Explain Massively Parallel Processing (MPP)	(10
architecture.		(10)
Q4. (a) Differentiate between sup classification algorithms.	pervised and unsupervised learning. Explain briefly of	different (10)
	Explain the architecture of data warehouse. Differen	
	eling, data driven modeling.	(10)
	duction important? How feature extraction is different	
feature selection?		(10)
	ssing. What are the methods of handling incomplete	
Explain by giving examp	ples.	(10)
Q6. Explain any Two:		(20)
a) Clustering Algorithm		
b) Time series Analysis		
c) Hidden Markov mod	lel S	