

	<b>Sanjay Ghodawat University, Kolhapur</b> Established as State Private University under Govt. of Maharashtra, Act No XL, 2017		2018-19
<b>Year and Program 2018-19 MBA</b>	<b>School of Commerce and Management</b>	<b>Department of Management</b>	
<b>Course Code MMC BA610</b>	<b>Course Title</b> Data Mining & Data Warehousing	<b>Semester – IV</b>	
<b>Day and Date</b> Saturday 25-5-2019	<b>End semester Examination</b>	<b>Time: 3 hrs Max Marks: 100</b>	

Instructions: 1) All questions are compulsory 2) Neat labelled diagram will contribute weightage 3) Figures to the right indicate full marks.

2.30 to 5.30 pm

		Marks	Cos	Blooms Level
Q 1.	Solve the following			
a)	Explain Data warehouse architecture with neat labelled diagram	10	CO1	II
b)	Explain OLAP operations	10	CO2	II
	OR			
b)	Discuss advantages of OLAP database to facilitate decision making	10	CO2	VI
Q 2.	Answer / Solve the following			
a)	Explain data cleaning process in data mining	10	CO3	II
b)	Describe the motivation for associate Rule mining	10	CO4	II
	OR			
b)	Explain K – medoid partitioning method of data mining	10	CO4	II
Q 3.	Answer / Solve the following			
a)	Discuss issues related to data mining methodology.	10	CO5	VI
	OR			
a)	What is classification? Illustrate the classification techniques.	10	CO5	II
Q 4	Answer / Solve the following			
a)	Write note on i) data mart ii) metadata	10	CO6	I
b)	Explain different schemas for data warehouse design.	10	CO6	II
c)	Explain decision tree a tool for classification.	10	CO6	V
	OR			
c)	Explain any three statistical methods to analyse the data in OLAP	10	CO6	II
Q 5	Case study			
a)	Explain role of concept discretization in data warehouse design.	10	CO5	II
	Design a data warehouse for representation of 10 years historical data for order processing of a company who sale 5 different electronic products covering whole India. The area is divided into 4 regions ( East, West, South and North)	10	CO5	III
b)				

**ESE**

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