

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**End Semester Examination, May 2018****Course: Descriptive Analysis in Healthcare Informatics****Program: B.Tech CS HI****Time: 03 hrs.****Semester: VI****Code: CSEG 375****Max. Marks: 100****SECTION A**

S. No.		Marks	CO
Q 1	What are three types of data warehouse applications	5	CO1
Q 2	Discuss data warehouse design process	5	CO2
Q 3	Differentiate between OLTP and OLAP	5	CO2
Q 4	Briefly explain various display media for dashboards	5	CO1

SECTION B

Q 5	Explain different types of dashboards along with their respective use and the support they provide.	10	CO2
Q 6	List the following a) Components of TCO of a BI Solution [4]. b) Ways in which BI solution can directly contribute to value and increase ROI. [3] c) Attribute of profitability of investment. [3]	10	CO3,4
Q 7	How do Metrics help in driving behavior within an organization?	10	CO1
Q 8	What are the five key areas that need to be considered for BI Strategy OR Discuss various Dashboard design principles	10	CO3,4

SECTION-C

Q 9	What are different types of charts used in building report? Describe each type along with their use	20	CO3,4
Q 10	Explain R-J performance dashboard and strategy framework. What are different areas addressed? OR	20	CO5
	Explain Kaplan-Norton balanced scorecard along with its limitations.	20	CO5

Name:	
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SECTION A

Q 1	What are three types of data warehouse applications	5	CO1
Q 2	Differentiate between Dashboard and Scorecard and Dashboard versus Portal	5	CO2
Q 3	What are the five key areas that need to be considered for BI Strategy	5	CO2
Q 4	Briefly explain various display media for dashboards	5	CO1

SECTION B

Q 5	Explain different types of dashboards along with their respective use and the support they provide.	10	CO2
Q 6	TRUE or FALSE a) Authentication defines the level of access that the user has to the functionality and content. b) Sizing a BI deployment requires a reasonable degree of planning. c) A vertical bar chart is sometimes called a column bar chart . d) A Scatter (XY) Plot has points that show the relationship between two sets of data. e) The basis of Business Intelligence is data	10	CO3,4
Q 7	FILL UPS a) The shape of the BI solution is driven by the key decision whether to build a _____ or _____ architecture system. b) In the _____ culture organization, decisions are made from the top down, with little room for interpretation. c) _____ are used to display and organize their content inside a web-based application. d) _____ are parameters or measures of quantitative assessment used for measurement, comparison or to track performance or production. e) _____ Dashboards are used for detailed data, simple and clear display mechanisms, real-time data.	10	CO1
Q 8	Discuss data warehouse design process	10	CO3,4

SECTION-C

Q 9	What are different types of charts used in building report? Describe each type along with their use	20	CO3,4
Q 10	Explain Kaplan-Norton balanced scorecard along with its limitations. OR	20	CO5
	a) How do Metrics help in driving behavior within an organization? b) Discuss various Dashboard design principles	20	CO5