

Name:	 UPES <small>UNIVERSITY WITH A PURPOSE</small>
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, May 2020

Course: Analytics in banking & insurance industry
Program: B. Tech. CSE BFSI
Course Code: CSBI3010

Semester: V
Time 03 hrs.
Max. Marks: 100

SECTION A

- 1. Each Question will carry 5 Marks**
- 2. Instruction: Complete the statement / Select the correct answer(s)**

S. No.	Question	CO
Q 1	BDWM provides a logical Entity-Relationship model of an enterprise-wide _____ and BST provides a logical model of the dimensions and measures that make up the multidimensional cube structures _____.	CO1
Q2	Project Views, _____, _____, _____ and BDWM are the components of main banking data warehouse components.	CO1
Q3	Extraction of data from one or more source systems is done by _____ and _____.	CO1
Q4	Data series is a collection of related data points _____ and _____ as a graph.	CO3
Q5	The BI framework combines data control, _____, _____, statistics integration, facts quality, end person data delivery, information security and so on.	CO2
Q6	What are two types of BI reports?	CO4

SECTION B

- 1. Each question will carry 10 marks**
- 2. Instruction: Write short / brief notes**

Q 7	Explain : i. Data warehouse usage and its structure. ii. Types of dashboard	CO1
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Q 8	Explain any five difference between OLTP and OLAP.	CO1
Q 9	<p>Explain the following:</p> <ul style="list-style-type: none"> i. BI altering. ii. BI-guided analysis iii. BI-driven risk analysis iv. BI-driven decision agent <p style="text-align: center;">OR</p> <p>Discuss ASUG business intelligence maturity model.</p>	CO2
Q 10	What do you mean by Pre-engagement activities of BI design and development? Explain in detail.	CO3
Q 11	Write down and explain any four difference between Centralized and Decentralized BI architecture.	CO4
<p>1. Each Question carries 20 Marks. 2. Instruction: Write long answer.</p>		Section C
Q12	<ul style="list-style-type: none"> i. Discuss conceptual modeling of data warehouses in detail along with benefits and disadvantages. ii. Explain data warehouse development in detail. <p style="text-align: center;">OR</p> <p>Explain any five of the following:</p> <ul style="list-style-type: none"> i. IFW ii. FSDM iii. BST iv. AST v. BDWM vi. Types of Analytics vii. Functional area of BI tools 	CO1