Name: UPES							
Enrolment No:							
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, May, 2019							
	Course: Information Security Intelligence & Compliance Analysis Semester: X Programme: Int B.Tech. CSE + LLB (Hons) CL						
Time: 03 hrs.Max. Marks:Instructions: All questions are compulsory.		: 100					
	SECTION A						
S. No.		Marks	СО				
Q 1	As storage capacity is becoming, businesses have been compelled to save data.	2					
Q 2	is about controlling where the data are stored and how the data are distributed.	2					
Q 3	Which tool support the visualization for big data?A) TurkB) OozieC) GephiD) 80Legs	2					
Q 4	Who sift through mountains of data to discover the data you actually need?A) Data ScientistB) Data HygienistC) Data ExplorerD) Campaign Expert	2					
Q 5	If a database has credit card data, which security standards should apply to the entire data store?A) PCSLI Security StandardsB) PCI Security StandardsC) Norman Security StandardsD) HIPPA Security Standards	2					
	SECTION B						
Q 6	Why does big data matter at all?	5					
Q 7	What are those requirements, which dictate how security must be imagined as well as deployed?	5					
Q 8	Describe online analytical processing system.	5					
Q 9	What are the storage types of big data to be considered?	5					
	SECTION-C						
Q 10	What will you do to provide structure to unstructured data?	10					
Q 11	What is Hadoop? Explain why we need Hadoop.	10					
SECTION-D							
Q 12	Explain the general process of Behavior Informatics and Analytics (BIA).	15					
Q 13	Briefly enlighten the analytical activities of data users.	15					

Q 14	Explain the characteristics that a Big Data platform should offer to work effectively	20	
	with Big Data analytics processes.	20	

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Semester: X

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SECTION A

S. No.		Marks	CO
Q 1	Gathering the data is usually the battle in the analytics game.	2	
Q 2	Enterprise offer enhanced security at the application layer of big data.	2	
Q 3	Which is a particular data analysis technique that focuses on modeling and knowledge discovery?A) Data VisualizationB) Data Mining	2	
	C) Data Manipulation D) Data Discovery		
Q 4	O Data ManputationD Data DiscoveryWhich one of these is not the type of data classification in Big Data?A) Process-mediated DataC) Human-sourced InformationD) Sensor-generated Data	2	
Q 5	Which data has self-describing structure?A) Structured DataC) Un-structured DataD) None of the above	2	
	SECTION B		
Q 6	What is behavior? Explain types of behavior.	5	
Q 7	Justify the statement that "The future is now" in respect of big Data.	5	
Q 8	Describe in-memory processing.	5	
Q 9	What are the business drivers for analytics?	5	
	SECTION-C	1 1	
Q 10	Explain the requirements which justifies the deployment of security for big data.	10	
Q 11	Explain briefly how OLTP is different from OLAP.	10	
	SECTION-D		
Q 12	Describe those basic rules which you will follow to protect the intellectual property in the realm of Big Data.	15	
Q 13	Elaborate all the common classes of data mining tasks.	15	

Q 14	What are some key storage ideologies which you want to focus so that you can meet	20	
	the challenges posed by Big Data? Explain each of them.		