

Name:  
Enrolment No:



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

**Course: IS Intelligence & Compliance Analytics**  
**Program: B. Tech. CSE+CSF**  
**Course Code: CSSF 4007**

**Semester: VIII**  
**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
Q1	According to analysts, for what can traditional IT systems provide a foundation when they're integrated with big data technologies like Hadoop?  a. Big data management and data mining b. Data warehousing and business intelligence c. Management of Hadoop clusters d. Collecting and storing unstructured data	CO3
Q2	Listed below are the three steps that are followed to deploy a Big Data Solution except  a. Data Processing b. Data dissemination c. Data Storage d. Data Ingestion	CO4
Q3	Transaction data of the bank is?  a. structured data b. unstructured data c. Both A and B d. None of the above	CO3
Q4	Choose the correct order of the Big Data team job/process of a. Data discovery, b. Data manipulation, c. Data mining, d. Data analysis, e. Data visualization.  1. abcde 2. acbde 3. cedba 4. cdabe	CO2
Q5	What makes Big Data analysis difficult to optimize?  a. Big Data is not difficult to optimize b. Both data and cost effective ways to mine data to make business sense out of it c. The technology to mine data d. None of the above	CO1

Q6	Input to the _____ is the sorted output of the mappers. a. Reducer b. Mapper c. Shuffle d. All of the mentioned	<b>CO3</b>
<b>SECTION B</b>		
<b>1. Each question will carry 10 marks</b> <b>2. Instruction: Write short / brief notes</b>		
Q1	What are major points for big data analysis in business cases?	<b>CO1</b>
Q2	Explain classes of big data process and stages.	<b>CO1</b>
Q3	Discuss big data team challenges and cultural aspects in the industry.	<b>CO2</b>
Q4	What are different sources of big data and what types of data these contributes towards big data.	<b>CO3</b>
Q5	Explain big data team hierarchy and roles.	<b>CO2</b>
<b>Section C</b>		
<b>1. Each Question carries 20 Marks.</b> <b>2. Instruction: Write long answer.</b>		
Q1	Explain best and worst practices in big data. Explain steps for big data development, analysis and deployment in the industry.  OR  Explain necessary goals for keeping big data secure and in compliance. What rules to follow to enable the big data security? Explain the intellectual property security in big data industry.	<b>CO4</b>