

**Class Test (2) Examination: Spring-2024**

**Course Code: CIS 312**

**Course Title: Big Data Analytics & Applications**

**Time: 30 Minutes**

**Total Marks: 15**

1.	What is integration? Describe the different types of data integration tools.	[5]
2.	What is ETL? Explain the working process of ETL with a proper diagram.	[5]
3.	Describe the concept of distributed computing and its benefits.	[5]

**Class Test (1) Examination: Fall-2024**

**Course Code: CIS 312**

**Course Title: Big Data Analytics & Application**

**Time: 30 Minutes**

**Total Marks: 15**

1.	a) Define the term Big Data.	[1]
	b) Describe the different types of Big Data from the perspective of real-world data generation.	[4]
2.	Write down the differences between Traditional Data & Big Data.	[5]
3.	Describe the lifecycle of big data analytics with an example.	[5]

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**Class Test (3) Examination: Fall-2024**

**Course Code: CIS 312**

**Course Title: Big Data Analytics & Application**

**Time: 30 Minutes**

**Total Marks: 15**

1.	What mechanisms does Hadoop use to detect the failure of the DataNode? Explain it.	[5]
2.	How many daemons do we have in the YARN framework? explain each daemon.	[5]
3.	How does Hadoop v2.0 overcome the limitations of Hadoop v1.0?	[5]

**Class Test (2) Examination: Fall-2024**

**Course Code: CIS 312**

**Course Title: Big Data Analytics & Application**

**Time: 30 Minutes**

**Total Marks: 15**

1.	a) What is Big Data analytics?	[1]
	b) Describe the types of big data analytics with examples.	[4]
2.	Explain one real-time application of big data and how algorithms play a role in it.	[5]
3.	Describe the big data platform and its type with a suitable example.	[5]