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**Class: BE  
AY: 2020-21**

**Subject: Data Analytics  
SEM: II**

**UNIT-1**

1) What is Big Data?

- a) Huge amount of data
- b) Small amount of data
- c) Huge File
- d) Big Storage

**Ans:**

**a**

**Explanation:** It is Huge amount of data

2) 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

**Ans:**

**a**

**Explanation:** Big data management and data mining

3) What are the main components of Big Data?

- a) MapReduce
- b) HDFS
- c) YARN
- d) All of these

**Ans:**

**d**

**Explanation:** All of these

4) The sources of Big Data are

- a) Stock Exchange
- b) Transport Data
- c) Banking Data
- d) All of the Above

**Ans:**

**d**

**Explanation:**

5) Big Data Characteristics are:

- a) Structured data
- b) Semi-structured data
- c) Quasi-structured data
- d) All of the above

**Ans:**

**d**

**Explanation:**

6) BI tends to provide reports, dashboards, and queries on business

	questions for the current period or in the past.
	a) True b) False
<b>Ans:</b>	<b>a</b>
<b>Explanation:</b>	
7)	Big data can come in multiple forms, including structured and non-structured data
	a) True b) False
<b>Ans:</b>	<b>a</b>
<b>Explanation:</b>	
8)	BI problems tend to require highly structured data organized
	a) Rows b) Columns c) Accurate Reporting d) All of the Above
<b>Ans:</b>	<b>d</b>
<b>Explanation:</b>	
9)	EDW achieves the objective of reporting and sometimes the creation of dashboards, perform analysis on unstructured data
	a) High-value data is hard to reach and leverage b) Data moves in batches from EDW to local analytical tools c) Data Science projects will remain isolated d) All of the Above
<b>Ans:</b>	<b>d</b>
<b>Explanation:</b>	
10)	Drivers of Big Data
	a) Medical information b) Photos and video footage uploaded to the World Wide Web c) data extracts d) Both a and b
<b>Ans:</b>	<b>d</b>
<b>Explanation:</b>	
11)	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
<b>Ans:</b>	<b>a</b>
<b>Explanation:</b>	
12)	Select from option which is not the phase of data analytics

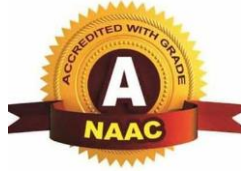
	<ul style="list-style-type: none"> <li>a) model planning</li> <li>b) testing</li> <li>c) discovery</li> <li>d) operationalize</li> </ul>
<b>Ans:</b>	<b>b</b>
<b>Explanation:</b>	
13)	Which phase of data analytics require more time to complete
	<ul style="list-style-type: none"> <li>a) Data preparation</li> <li>b) model building</li> <li>c) communicate results</li> <li>d) Discovery</li> </ul>
<b>Ans:</b>	<b>a</b>
<b>Explanation:</b>	
14)	What is analytic sandbox?
	<ul style="list-style-type: none"> <li>a) Tool</li> <li>b) Separate repository</li> <li>c) data cleaning</li> <li>d) Data conditioning</li> </ul>
<b>Ans:</b>	<b>b</b>
<b>Explanation:</b>	
15)	The person which provides analytic techniques and modeling is called as.
	<ul style="list-style-type: none"> <li>a) Data Engineer</li> <li>b) Data scientist</li> <li>c) Business user</li> <li>d) Project manager</li> </ul>
<b>Ans:</b>	<b>b</b>
<b>Explanation:</b>	
16)	What is task of Project manager?
	<ul style="list-style-type: none"> <li>a) analytic modelling</li> <li>b) Provide requirement</li> <li>c) ensure meeting objectives</li> <li>d) creates DB environment</li> </ul>
<b>Ans:</b>	<b>c</b>

<b>Explanation:</b>	
17)	Identifying Key Stakeholders this task is performed in which phase?
	<ul style="list-style-type: none"> <li>a) Data preparation</li> <li>b) model building</li> <li>c) Discovery</li> <li>d) communicate results</li> </ul>
<b>Ans:</b>	<b>c</b>
<b>Explanation:</b>	
18)	ETL process is performed in which phase
	<ul style="list-style-type: none"> <li>a) Discovery</li> <li>b) communicate results</li> <li>c) model planning</li> <li>d) Data preparation</li> </ul>
<b>Ans:</b>	<b>d</b>
<b>Explanation:</b>	
19)	How much data Data science teams prefer for analysis?
	<ul style="list-style-type: none"> <li>a) too little</li> <li>b) average</li> <li>c) more</li> <li>d) more than average</li> </ul>
<b>Ans:</b>	<b>c</b>
<b>Explanation:</b>	
20)	select from option tool which is not used in model planning phase
	<ul style="list-style-type: none"> <li>a) Data wrangler</li> <li>b) R</li> <li>c) SQL Analysis service</li> <li>d) SAS/ACCESS</li> </ul>
<b>Ans:</b>	<b>c</b>
<b>Explanation:</b>	

21)	if reports and dashboards will be impacted and need to change this task is performed by.
	<ul style="list-style-type: none"> <li>a) Project sponsor</li> <li>b) BI Analyst</li> <li>c) Data Engineer</li> <li>d) Project manager</li> </ul>
<b>Ans:</b>	<b>b</b>
<b>Explanation:</b>	
22)	What is need of data analytic lifecycle.
	<ul style="list-style-type: none"> <li>a) Data cleaning</li> <li>b) To solve Big data problems</li> <li>c) Data conditioning</li> <li>d) Data Exploration</li> </ul>
<b>Ans:</b>	<b>b</b>
<b>Explanation:</b>	
23)	How many phases are there in data analytic lifecycle?
	<ul style="list-style-type: none"> <li>a) 4</li> <li>b) 5</li> <li>c) 6</li> <li>d) 7</li> </ul>
<b>Ans:</b>	<b>c</b>
24)	The person with technical skills is called as?
	<ul style="list-style-type: none"> <li>a) Business user</li> <li>b) Data Engineer</li> <li>c) Data scientist</li> <li>d) Project sponsor</li> </ul>
<b>Ans:</b>	<b>b</b>
25)	What is outcome of Model building phase?
	<ul style="list-style-type: none"> <li>a) Analytic results</li> <li>b) Quality data</li> <li>c) Data</li> <li>d) Potential resources</li> </ul>
<b>Ans:</b>	<b>a</b>



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