Vendor: IBM

Exam Code: P2090-032

Exam Name: IBM Big Data Fundamentals Technical Mastery Test v1

Version: Demo

Question No : 1

Which of the following options is CORRECT?

A. InfoSphere Data Explorer provides powerfulnavigation capabilities across all the important information stored exclusively into Hadoop
Distributed File System in a single view. No other file systems are supported.
B. InfoSphere Data Explorer is not able to mirror pre-existing security frameworks, therefore it doesn?t make use of industry-standard
authentication and authorization processes already in place.
C. InfoSphere Data Explorer can find, extract and deliver content regardless of format or where it resides.
D. InfoSphere Data Explorer uses a vector-based index for unique search and indexing flexibility.

Answer: C

Question No : 2

Which of the following InfoSphere BigInsights features provides a vast library of extractors enabling actionable insights from large amounts of native textual data?

A. Text Analytics.
B. Adaptive MapReduce.
C. General Parallel File System.
D. BigSheets.

Answer: A

Question No : 3

Which of the following options contain security enhancements available in InfoSphere BigInsights (Choose two) ?

A. LDAP authentication
B. Secure file transfers through SFTP protocol.
C. Trusted Context.
D. Kerberos authentication protocol.

Answer: A,B

Question No : 4

In regards of InfoSphere Streams, Which of the following options is CORRECT?

A. InfoSphere Streams is a powerful analytic computing platform capable of gathering large quantities of data, manipulating the data, and storing
it on disk.
B. InfoSphere Streams is a powerful analytic computing platform capable of analyzing data in real time with micro-latency.
C. InfoSphere Streamsis an extract, transform, and load (ETL) platform that is capable of integrating small volumes of data across a wide variety
of data sources and target applications.
D. InfoSphere Streams is web administration graphical user interface (GUI) capable of setting up a secure communication channel to stream
post-processed data from a Hadoop cluster into a relational database, such as IBM DB2.

Answer: B

Question No : 5

The following types of indexes are available in the InfoSphere BigInsights? Large Scaleindexing feature, EXCEPT:

A. MapReduce index
B. Parallel index
C. Real-time index
D. Partitioned index

Answer: A

Question No : 6

How do enterprises leverage big data platforms?

A. By storing all of the data in its native business object format, so theenterprise can get

value out of it through massive parallelism using readily
available components.

B. By modifying the data being streamed using pre-existing ETL transformations, and storing the final formatted data into a data warehouse for
further enterprise analysis.

C. By sitting on top of a large data warehouse solution acting as transparent abstract conversion layer allowing enterprises to query unstructured
data.

D. By isolating workloads into a single node, and further processing all the data in sequence.

Answer: A

Question No : 7

What is the difference between Hadoop?s MapReduce and IBM?s Adaptive MapReduce feature available in InfoSphere BigInsights?

A. Hadoop?s MapReduce is optimized for operating on small files or splits, while IBM?s AdaptiveMapReduce is optimized for operating on large
partitioned files.

B. Hadoop?s MapReduce is optimized for operating on large files, while IBM?s Adaptive MapReduce is configurable to operate optimized on large
or small files or splits.

C. Hadoop?s MapReduceis optimized for operating on small files or splits, while IBM?s Adaptive MapReduce is optimized for operating on large
files stored in individual blocks.

D. Hadoop?s MapReduce is optimized for operating on small partitioned tables stored in the HBase component, while IBM?s Adaptive MapReduce
is optimized for operating on large partitioned files.

Answer: B

Question No : 8

Which of the following options are CORRECT (Choose two)?

A. The Stream Processing Language provides a language that works with the Streams run-time framework to support streaming applications.
B. Users can develop Streams applications using Data Studio Web Console, an Eclipse-

based Integrated Development Environment (IDE).

C. InfoSphere Streams perform complex analytics on data at rest.

D. Users can deploy existing data mining scoring models in Streams applications for real time insights as opposed to running those models on

persistent, or stored data.

Answer: A,D

Question No : 9

How is data stored in a Hadoop cluster?

A. The data is divided into blocks, and copies of these blocks are replicated across multiple servers in the Hadoop cluster.

B. The data converted into a single block, and the block is stored in just one of the servers in the Hadoop cluster.

C. The data is divided into blocks, each block is stored in a different server in the Hadoop cluster, but the blocks are not replicated.

D. The data is converted into a single block, and copies of this block are replicated across multiple servers in the Hadoop cluster.

Answer: A

Question No : 10

What is good fit for Hadoop Distributed File System (HDFS)?

A. Lots of small files.

B. Applications requiring low latency data access.

C. Multiple writers accessing the same file.

D. Applications requiring high throughput of data.

Answer: D