

HBASE MOCK TEST

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This section presents you various set of Mock Tests related to **HBase**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.



HBASE MOCK TEST III

Q 1 - If we choose the rowkey to be a timestamp then inserting data to such a Hbase table will be

- A - Faster than a numeric rowkey data
- B - Slower than a numeric rowkey data
- C - Same performance as rowkey data
- D - Cannot be predicted.

Q 2 - Which of the following pair is an option for effectively distributing the data across multiple regions?

- A - Hashing, salting
- B - Hashing, threading
- C - Salting, windowing
- D - Threading, salting

Q 3 - In the standalone mode Hbase runs on

- A - Local file system
- B - HDFS system
- C - Both local and HDFS
- D - NAS file system

Q 4 - In the pseudo-distributed mode, Hbase runs on

- A - Local file system

B - HDFS

C - Either local file system or HDFS

D - Both local and HDFS

Q 5 - The property which enables a fully distributed mode for Hbase is

A - hbase-cluster.distributed-all

B - hbase-cluster.distributed-enable

C - hbase-cluster.fully-distributed

D - hbase-cluster.distributedy

Q 6 - A namespace in Hbase is analogous to which data base object in a relational system?

A - Table

B - Index

C - View

D - Database

Q 7 - The two predefined namespace in Hbase are

A - userbase, default

B - hbase, default

C - allnamespaces, userbase

D - default, allnamespace

Q 8 - Which of the following is declared during the schema definition creation?

A - Column families

B - Column names

C - Both

D - None

Q 9 - The tuple which specifies a cell in Hbase is

A - {row, column, version}

B - {row, column family, version}

C - {row, table, column}

D - {column-family,column-attribute, version}

Q 10 - While rows and columns keys are expressed as bytes, version is specified as

- A - Date
- B - Long integer
- C - Short integer
- D - Decimal

Q 11 - What does the following command do?

```
hbase> alter 't1', NAME => 'f1', VERSIONS => 5
```

- A - All the columns in the column family f1 of table t1 can have minimum 5 versions.
- B - All the columns in the column family f1 of table t1 can have maximum 5 versions.
- C - Creates 5 versions of the column family named f1 in table t1.
- D - Created 5 versions of the table t1,

Q 12 - What does the following command do?

```
hbase> alter 't1', NAME => 'f1', MIN_VERSIONS => 2
```

- A - All the columns in the column family f1 of table t1 can have minimum 2 versions.
- B - All the columns in the column family f1 of table t1 can have maximum 2 versions.
- C - Creates 2 versions of the column family named f1 in table t1.
- D - Created 2 versions of the table t1,

Q 13 - How many types of delete markers are used by Hbase for deleting columns?

- A - 2
- B - 3
- C - 4
- D - 1

Q 14 - All data returned from a Hbase query is sorted. They are sorted by

- A - rowkey, ColumnFamily,, Column qualifier, timestamp
- B - ColumnFamily,, Column qualifier, rowkey,,timestamp
- C - Timestamp,ColumnFamily,,Column qualifier, rowkey
- D - ColumnFamily,,Column qualifier,timestamp, rowkey

Q 15 - The schema level changes to table or column familieslikeregionsize, blocksizeetc are reflected

- A - Immediately after the changes
- B - Only after a major compaction
- C - Only after a minor compaction
- D - Restarting the Regionserver.

Q 16 - When a large amount of client requests are directed to a very few nodes in a cluster, it is known as

- A - Latency
- B - Bottleneck
- C - Hotspotting
- D - Redundancy

Q 17 - The length of the name of the column family should be

- A - As small as possible
- B - Preferably one character
- C - As large as possible
- D - Does not matter

Q 18 - The rowkeys in Hbase are immutable. The only way they can be changed is

- A - Changing their data type
- B - Updating them at a pre-defined interval
- C - Changing Hbase configuration parameters
- D - Deleting and re-inserting a row

Q 19 - Hbase can store

- A - Only string
- B - Only numbers
- C - Only images
- D - Any data that can be converted to bytes

Q 20 - Hbase can automatically delete rows by using

- A - Autodelete functionality
- B - Autoexpire configuration
- C - Time to live *TTL*
- D - Third party scheduler tools

Q 21 - Which filter acts on column family?

- A - Rowfilter
- B - Column filter
- C - Family filter
- D - Valuefilter

Q 22 - Which filter accepts the pagesize as a parameter?

- A - Columnfilter
- B - Valuefilter
- C - Pagefilter
- D - Keyfilter

Q 23 - Which filter accepts chance as a parameter?

- A - Skipfilter
- B - Randomrow filter
- C - ColumnPrefix filter
- D - Whilematchfilter

Q 24 - A new counter created in Hbase has the value

- A - Zero
- B - 1
- C - Prec configured
- D - Decided at counter creation time.

Q 25 - You can process an arbitrary code on a region server using

- A - Hbase Triggers
- B - Coprocessors
- C - Random processors
- D - Arbitrary processor

ANSWER SHEET

Question Number	Answer Key
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1	B
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2	A
3	A
4	C
5	D
6	D
7	B
8	A
9	A
10	B
11	B
12	B
13	B
14	A
15	B
16	C
17	B
18	D
19	D
20	C
21	C
22	C
23	B
24	D
25	B

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