

# IMP Questions - **BDA**

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1) Question: Difference between Traditional vs. Big Data business approach. Explain Five V's or Characteristics of BigData.

Answer: go to Bh.NOTES in Brainheaters App - Question -2, Page 5

2) Question: Write a short note on Hadoop Architecture. Explain it's core components.

Answer: go to Bh.NOTES in Brainheaters App - Question -4, Page 7

3) Question: What is the function of Map Tasks in the Map Reduce Framework? Explain with the help of an example.

Answer: go to Bh.NOTES in Brainheaters App - Question -3, Page 16

4) Question: Explain Coping With Node Failures.

Answer: go to Bh.NOTES in Brainheaters App - Question -7, Page 27

5) Question: Write a short note on NoSQL. Discuss Variations of NoSQL architectural patterns

Answer: go to Bh.NOTES in Brainheaters App - Question -1, Page 43

6) Question: Write down NoSQL solution for big data OR. How the NoSQL system handles big data problems.

Answer: go to Bh.NOTES in Brainheaters App - Question -4, Page 50

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**7) Question: Describe A Data-Stream-Management System**

*Answer: go to Bh.NOTES in Brainheaters App - Question -1, Page 66*

**8) Question: What are the Issues in Stream Processing.**

*Answer: go to Bh.NOTES in Brainheaters App - Question -4, Page 72*

**9) Question: Write a short note on Product Recommendation.(Any 1 can be asked)**

*Answer: go to Bh.NOTES in Brainheaters App - Question -4, Page 96*

**10) Question: Numerical on Newman Girvan Algorithm.**

*Answer: Practise all numericals on Newman Girvan Algorithm go to Bh.NOTES or Paper Solutions in Brainheaters App - Question -6, Page 122*

**11) Question: Explain Handling Basic Expressions in R, Variables in R, Working with Vectors, Storing and Calculating Values in R.**

*Answer: Practise all programs from previous year question papers, go to Bh.NOTES in Brainheaters App - Question -2, Page 111*

**12) Question: Name and Explain the operators used to form data subsets in R.**

*Answer: go to Bh.NOTES in Brainheaters App - Question -7, Page 135*

**13) Problems can be asked on Matrix Multiplication or Word Count using MapReduce.**

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*Answer: Practise all numericals on Matrix Multiplication go to Bh.NOTES or Paper Solutions in Brainheaters App - Question -6, Page 122*

**14) Problems can be asked on Flajolet Martin Algorithm.**

*Answer: Practise all numericals on Flajolet Martin Algorithm go to Bh.NOTES or Paper Solutions in Brainheaters App - Question -8, Page 92*

**15) Map reduce pseudocode for word count problems.**

*Answer: Practise all numericals on word count problems go to Bh.NOTES or Paper Solutions in Brainheaters App - Question -13, Page 49*