SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions.   (2x10=20)

Q.36 What is Hadoop. Explain structure of Hadoop in detail.   (CO-4)

Q.37 Write a short note on any two.
   a)   Reading data in 'R'   (CO-5)
   b)   Five dameons of Hadoop   (CO-2)
   c)   Pig   (CO-4)

Q.38 Explain Big Data in detail. List advantages and characteristics of Big Data.   (CO-1)

5th Sem / Branch : Computer
Sub. : Big Data

Time : 3Hrs.   M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory   (10x1=10)

Q.1   Which of the following is type of Big Data. (CO-1)
   a)   Structured   b)   Unstructured
   c)   Hybrid   d)   All of the above

Q.2   Choose the primary characteristics of big data among the following.   (CO-1)
   a)   Value   b)   Variety
   c)   Volume   d)   All of the above

Q.3   What are the main components of big data? (CO-2)
   a)   HDFS   b)   YARN
   c)   Map Reduce   d)   All of the above

Q.4   Which of the following platform does Apache Hadoop runs on.   (CO-4)
   a)   Cross Platform   b)   Compiler
   c)   Unix-like   d)   Debian

Q.5   What is HIVE?   (CO-4)
   a)   Relational
   b)   An open source data warehouse
   c)   A language
   d)   OLTP

Q.6 HDFS stands for _____? (CO-2)
   a) Hadoop Distributed File system
   b) Hyper Distributed File System
   c) Hadoop Data File System
   d) None of the above
Q.7 ____ has world largest Hadoop Cluster? (CO-2)
   a) Apple   b) Amazon
   c) Facebook   d) Microsoft
Q.8 What are different features of Big Data Analytics?
                                                    (CO-1)
   a) Open source   b) Scalability
   c) Data Recover   d) All of the above
Q.9 What is the minimum amount of data that a disk can read or write in HDFS?? (CO-3)
   a) Byte Size   b) Block Size
   c) Heap   d) None of the above
Q.10 Hadoop common package contains which files?
                                                    (CO-2)
   a) msi   b) jar
   c) exe   d) None of the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)
Q.11 Array is one dimensional (T/F) (CO-5)
Q.12 Define Pig. (CO-1)
Q.13 List two applications of Big Data. (CO-5)

Q.14 Define 'R'. (CO-2)
Q.15 Define Data Frame. (CO-2)
Q.16 Give one example of Big Data. (CO-1)
Q.17 'R' is used for statisctical computing (T/F) (CO-5)
Q.18 Name one running mode of Hadoop. (CO-2)
Q.19 Define Sorting. (CO-7)
Q.20 The are 5 VS is Big Data. (T/F) (CO-1)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
Q.21 List various applications of Big Data. (CO-1)
Q.22 Difference between Hive and Pig. (CO-2)
Q.23 List various modes of Hadoop. (CO-3)
Q.24 Illustrate architecture of Map Reduce. (CO-2)
Q.25 Explain the difference between Job Tracker and Task Tracker. (CO-2)
Q.26 Ellaborate when Pig should be used. (CO-5)
Q.27 Define ordered and unordered factor in "R". (CO-5)
Q.28 List various sources of Big Data. (CO-1)
Q.29 Briefly explain HDFC. (CO-2)
Q.30 Explain working of Map Reduce. (CO-3)
Q.31 Write a note on Hadoop cluster. (CO-2)
Q.32 Elaborate architecture of HIVE. (CO-4)
Q.33 List different sources of Big Data. (CO-1)
Q.34 List different functionalities of Hadoop. (CO-2)
Q.35 Write a note on Array and Matrices. (CO-5)