Terna Engineering College
Department of Computer Engineering
FH-2022
Internal Assessment Retest (IAT-2)

Subject:- DC   **Sem:-VIII (A,B,C)**

Max. Marks:20   Duration: 1HrDate:-18/4/22   Time:12:30-01:30 p.m.

Note:Attempt all questions.
1. Draw neat diagrams wherever necessary.
2.All sub-questions of the same question should be answered at one place only in their serial order, and not scattered.

Q. no.	Questions	Marks
Q1	**Each question of one marks**	6
1(a)	In GFS (Google File System) files are divided in _____ chunks. 1. Variable Size2. Both Fixed Size and Variable Size chunks 3. Fixed Size 4.Dynamic size	1
1(b)	A DFS ......is mapping between logical and physical objects. 1.Client interfacing2.Naming 3.Migration4.Consistency	1
1(c)	Which cache update policy copies every update to server at the same time 1.Delayed write2.Write on close 3.Write through4.Transaction based	1
1(d)	_____ is not possible in distributed file system 1. Migration 2. Client interface 3.File replication 4. Remote access	1
1(e)	Which node of the following is the arbitrator and repository of HDFS metadata? 1.DataNode2.MapReduce3.NameNode4.JobTracker	1
1(f)	Session file sharing semantics are suitable for caching 1.Blocks2.Entire file 3.Bytes4.Transaction	1
Q2	**Solve any one**	7
2	Discuss issues in load balancing algorithm **OR** Discuss code migration in detail	
Q3	**Solve any one**	7
3	Discuss any 2 client centric consistency model **OR** Discuss Weak consistency and Strict consistency model with suitable example	