Hi-Tech Institute of Engineering & Technology
DEPARTMENT OF MCA
Course-MCA.
(SEM-3)ODDSEMESTER
Model paper-2

SUBJECT NAME : CLOUD COMPUTING
SubjectCode:KCA-014

Time: 3 Hours   *Total Marks: 100*

SECTION-A

1. Attemptallquestioninbrief.   **2x10 = 20**

Q.No	Question	Marks	CO
a.	What are the two major categories of SaaS?	2	1
b.	Write down any two advantages of IaaS?	2	1
c.	Give the limitation of SaaS?	2	2
d.	Write about Microsoft SQL services?	2	2
e.	Define Google Gears.	2	3
f.	Which scenarios force.com migration tools to be used?	2	3
g.	Write down any four capabilities offered by VMotion?	2	4
h.	Define the following terms: Grid Computing, Utility Computing.	2	4
i.	Differentiate between Cloud computing and Distributed computing.	2	5
j.	State the basic features of cloud computing.	2	5

SECTION-B

2. Attemptany threeofthefollowing: **10x3 =30**

Q.No	Question	Marks	CO
a.	Discuss what a CRM is with an example based on cloudcomputing technologies.	10	1
b.	Explain the cloud computing security challenges?	10	2
c.	Explain the Cloud Management and Service Creation Tools?	10	3
d.	Explain the working process of cloud computing with suitable diagram.	10	4
e.	How can a block-level virtualization implementation be used Used as a data migration tool? Explain how data migration will be accomplished.	10	5

SECTION-C

3. AttemptanyONEpartofthe following: **10x1=10**

Q.No	Question	Marks	CO
a.	Describe the Hadoop distributed file system in cloud? Explain the features ofGFS and HDFS.	10	1
b.	Write short notes on: i.Cloud Sim ii.Amazon Web Services	10	1

4. AttemptanyONEpartofthe following: **10x1=10**

Q.No	Question	Marks	CO
a.	What is difference between Data store and Simple-DB? Define the limitationsof Simple-DB.	10	2
b.	Enlist and explain some of the common pitfalls that come with virtualization?	10	2

5. AttemptanyONEpartofthe following: **10x1=10**

Q.No	Question	Marks	CO
a.	Describe the major cloud features of Google application engine.	10	3
b.	Enlist and explain some of the common pitfalls that come with virtualizations.	10	3

6. Attempt any ONE part of the following: **10x1=10**

Q.No	Question	Marks	CO
a.	Describe Security as a Service in cloud. What are the security issues in cloud?Discuss the ways to enhance security in cloud.	10	4
b	Explain security, privacy and trust with respect to cloud?	10	4

7.Attempt any ONE part of the following: **10x1=10**

Q.No	Question	Marks	CO
a.	How to explore on line scheduling and planning? Explain with example.	10	5
b.	Who are the different actors Involved in NISTdefined cloud referencedarchitecture and explain how they communicate among them to bring out a successful computing.	10	5