

TRIBHUVAN UNIVERSITY
FACULTY OF HUMANITIES & SOCIAL SCIENCES
OFFICE OF THE DEAN
2017

BCA Seventh semester
Course Title: cloud computing
Code No: CACS402
Semester Vii

Full mark :60
Pass mark:24
Time : 3hours

Candidates are required to answer the question in their own words as for as possible.

Attempt any SIX questions;

Group B

1. Define cloud computing? list out characteristics of cloud computing. [2+3]
2. Differentiate between distributed Computing and cloud computing. [5]
3. Comparison between public clouds and private clouds with example. [5]
4. what are the advantage of OS level virtualization? [5]
5. discuss the applications of map reduce. [5]
6. explain the software-as-a-Service security with example. [5]
7. write short notes on **(AnyTwo)** [2.5+2.5]
 - a. Hybrid Clouds
 - b. Data Security
 - c. Scientific applications.

Attempt any two Questions:

8. Explain the cloud deployment models, in detail with their benefits and limitations while implementing and application. [10]
9. Differentiate between full-virtualization and para-virtualization also give one example VMM(virtual machine monitor) that was built in each of the two categories. [10]
10. Explain the different techniques are used for data encryption in cloud computing with example. [10]