Roll No. _____ Total No. of Pages : 02

Total No. of Questions : 09

BMCI (2014 & Onwards)   (Sem.–6)
MOBILE CLOUD COMPUTING
Subject Code : BMCI-601
Paper ID : [74315]

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

Q1   Answer briefly :

a) Compare Cloud computing with Cluster Computing.

b) Why hybrid clouds are so important?

c) Define resource pooling in cloud.

d) Write some enabling technologies for Mobile Clouds.

e) What is Open SSL used for?

f) Discuss block ciphers.

g) What are role of Cloud contracting Model?

h) Discuss the impact of Energy Efficiency on Cloud.

i) Compare mobile cloud computing with cloud computing.

j) What is scaling in cloud computing?

SECTION-B

Q2   Mention the Layers of Platform as Server (PaaS) Architecture.

Q3   Discuss various security risks of the cloud computing. How secure is the cloud?

Q4   Before deploying applications to cloud, discuss some business considerations.

Q5   How Mobile cloud service providers are able to use resources from cloud for storage and other computational purposes?

Q6   Discuss the steps of selecting a cloud provider on basis of Service Level Agreement (SLA).

SECTION-C

Q7 What are the characteristics of cloud architecture that differs from traditional cloud architecture?

Q8   How the cloud storage system stores multiple copies of data on multiple servers, at multiple locations? Discuss the technical specifications.

Q9   Discuss the concept of Network level, Host level and Application level Cloud Security.