MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
(Affiliated to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD)
Maisammaguda, Dhulapally,(Post Via kompally), Secunderabad-500 100.

IV B.Tech II sem Supplementary Examinations, APRIL - 2017

SUBJECT: <u>Storage Area Networks</u>

Branch: **IT**

Time: **3 Hours**   Max Marks: **75 M**

Answer any FIVE of the following   **5 X 15 M = 75 M**

1. a) Write an explanatory note on "value of data to a business"?   (7 M+8M)
    b) Identify the core elements of a datacenter. Explain their functionality with a case study.

2. a) Write notes on disk drive and its components.   (7 M+8M)
    b) Describe the role of various components in a connectivity environment.

3. Elaborate on intelligent storage system and its working.

4. Write notes on FC-SAN, IP-SAN and compare them.

5. Explain the terms: a) Outage b) Recovery point objective (RPO)   (5M+5M+5M)
                   c) Recovery time objective (RTO)

6.   Write notes on replication technologies. What is their role in information availability?

7. Identify the key areas to monitor in a datacenter and frame the metrics for monitoring.

8. a) Explain briefly general requirements and considerations for implementation of virtualization.
    b) List the advantages & disadvantages of virtualization.   (9M+6M)

Code No.: **205D1**

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IV B.TECH II SEM SUPPLEMENTARY EXAMINATIONS, MARCH - 2017

SUBJECT: <u>Web Services</u>

Branch: **CSE**

Time: **3 Hours**   Max Marks: **75 M**

Answer any FIVE question   **5 X 15 M = 75 M**

1) a) Explain CORBA and java RMI.   [7+8]

   b) Explain Service Oriented Architecture.

2) a) Define Web services explain different types of web services with example.   [8+7]

   b) What are the basic operational models of Web services explain with example?

3) a) Explain core building blocks of web services.   [7+8]

   b) What are different standards and technologies available for implementing web services.

4) a) What is the purpose of SOAP in web services explain in details.   [7+8]

    b) Describe SOAP encryption and Digital signature process.

5) a) Explain Building SOAP Web services   [7+8]

   b) Construct SOAP Specification?

6) a) Explain Web Service life cycle.   [8+7]

    b) What is WSDL and what are the different components of WSDL?

7) a) what is the role of service discovery in a SOA.   [7+8]

    b) How to publish information in UDDI registry give one example.

8) a) What to do you mean by interoperability web services   [5+10]

    b) Explain XML encryption and digital signature