

BE-Comp. sem VIII (Rev)  
14/5/15  
A.I.T

QP Code : 8023  
[Total Marks : 80

(3 Hours)

- N.B.: (1) Question No. 1 is compulsory.  
(2) Attempt any three of remaining five questions.  
(3) Assume any suitable data if necessary and clearly state it.

1. (a) What are the different types of DNS name servers and how are they different? [10]  
(b) Explain web service development life cycle [05]  
(c) What are the advantages of CIDR (Classless Inter-Domain Routing)? [05]
2. (a) Explain the concept of hierarchical routing with an example. [10]  
(b) Explain the working of peer to peer internet with an example [10]
3. (a) How google APP engine works? Explain in detail. [10]  
(b) What are desired features of web services and explain its architecture [10]
4. (a) Explain Secure Electronic Transmission protocol (SET). [10]  
(b) Compare and explain SOA and ROA in detail [10]
5. (a) Describe VPN and state its usefulness in various industries. [10]  
(b) HOW does DHCP works? Explain its packet format [10]
6. Write a short note on any four of the following: [20]
  - (a) Self service provisioning in cloud computing
  - (b) AJAX
  - (c) HTML 5.0
  - (d) Database Vulnerabilities
  - (e) RSS

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