

BF (comp) SEM VIII (Rev) may 2013
AIT 2015/13

25 : 1st half.13-AM(z)

Con. 8716-13.

(REVISED COURSE)

GS-3583

(3 Hours)

[Total Marks : 100

N.B. : (1) Question No. 1 is **compulsory**.

(2) Attempt any **four** questions out of remaining **six** questions.

1. (a) State and explain ports, commands and communication steps used in FTP. 10
(b) Describe virtual private Network and state its usefulness in various industries. 10
 2. (a) Compare and explain SOA and ROA in detail. 10
(b) Discuss the security issues in cloud. 10
 3. (a) Explain the REST architecture and give its design constraints. 10
(b) Explain the concept of hierarchical routing with an example. 10
 4. (a) Explain public key Infrastructure and secure payment mechanism in detail. 10
(b) Explain the concept of DNS and DNS header format. 10
 5. (a) Explain the working of peer to peer over internet with example. 10
(b) Explain IPv6 and its advantages. 10
 6. (a) How does DHCP work ? Explain its packet format. 10
(b) How Google App Engine works ? Explain in brief. 10
 7. Write a short notes on any **four** of the following :— 20
 - (a) RSS
 - (b) VOIP
 - (c) HTML 5.0
 - (d) Data base vulnerabilities
 - (e) AJAX.
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