

**B.C.A DEGREE (C.B.C.S.S) EXAMINATION, OCTOBER 2018****(2016 Admission Regular)****SEMESTER V - CORE COURSE(CLOUD COMPUTING AND INFORMATION SECURITY MANAGEMENT )  
CASB11TB - VIRTUALIZATION AND CLOUD SECURITY****Time : 3 Hours****Maximum Marks : 80****Part A****I. Answer all questions. Each question carries 1 marks****(6x1=6)**

1. What do you mean by attestation?
2. Define Information Lifecycle Management.
3. What are the 5 categories of CTP Adaptability?
4. What do you mean by Transparency as a Service?
5. How can you use TCI Reference Architecture for "Assessing Opportunity"?
6. Expand TOGAF.

**Part B****II. Answer any Seven questions. Each question carries 2 marks****(7x2=14)**

7. What are virtual threats?
8. State any 2 primary risks associated with virtualization.
9. What are the 2 approaches to host security?
10. Whether the information found in the trash finds valuable to an attacker? If so, what is that attack and explain it.
11. What do you mean by Lock-in?
12. The basis of CTP is not to encumber cloud users with needless information inputs and exchanges. Rather, what is the basis of CTP?
13. What is the relationship between transparency categories and deployment practices?
14. List out the challenges of SECaaS while using in the security architecture of cloud.
15. What are the advantages of SECaaS?
16. How to use the TCI Reference Architecture?

**Part C****III. Answer any Five questions. Each question carries 6 marks****(5x6=30)**

17. What are the advantages of virtualization?
18. Discuss about Hypervisor security.
19. Explain Domain 1: Cloud Computing Architectural Framework in CCSK.
20. Discuss about the top security benefits provided by ENISA document.
21. Explain (i) context of deployment and Level of Automation.
22. Explain (i) scope of coverage and Level of Automation in CTP adaptability.
23. What are the advantages and risks of SECaaS?
24. Discuss about TCI Reference Architecture.

**Part D****IV. Answer any Two questions. Each question carries 15 marks****(2x15=30)**

25. Explain the security threats resulting from weak virtualization.
26. Explain all the domains included in CCSK.
27. Define TaaS. Discuss about cloud security transparency.
28. Explain briefly all the domains in CCM.