

**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 )****CA5B12TB - IT GOVERNANCE, RISK, & INFORMATION SECURITY MANAGEMENT****Time : 3 Hours****Maximum Marks : 80****Part A****I. Answer all questions. Each question carries 1 marks****(6x1=6)**

1. Define IT governance.
2. What is strategic alignment in IT governance?
3. What is pseudo quantitative risk analysis?
4. What is risk articulation?
5. Expand PDCA in PDCA model.
6. Who is Information Security Officer?

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

7. List the components of information security governance framework
8. .What is the purpose of IT strategy committee? Who all are its members?
9. Differentiate between enterprise strategic plan and IT strategic plan.
10. What is the purpose of policies?
11. Define Risk Management.
12. What is risk governance domain of Risk-IT? Mention the Processes involved in risk governance.
13. What is risk governance domain of Risk-IT? Mention the Processes involved in risk governance.
14. Define Enterprise Risk Management.
15. What is a security metric?
16. What is COBIT?

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

17. Discuss the basic terms and principles of Val-IT.
18. List and explain the phases in policy life cycle.
19. Explain the activities in IT governance planning.
20. Explain risk evaluation.
21. Discuss the various options available to treat risk.
22. Explain the use of security metrics.
23. Write note on ISO-27000 family of standards.
24. Explain the various processes and functions associated with it in ITIL.

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

25. Explain the concept of IT governance. Describe the key decisions involved.
26. Explain the role of strategy committee and steering committee in 5 focus areas of IT governance.
27. What is risk analysis? Explain the steps in risk analysis. Also mention the different methods for risk analysis.
28. Explain the performance optimisation of information security management system.