

B.Tech DEGREE EXAMINATION, MAY 2024

Seventh Semester

18CSE477T - SECURITY GOVERNANCE, RISK AND COMPLIANCE*(For the candidates admitted during the academic year 2018-2019 to 2021-2022)***Note:**

- i. **Part - A** should be answered in OMR sheet within first 40 minutes and OMR sheet should be handed over to hall invigilator at the end of 40th minute.
- ii. **Part - B** and **Part - C** should be answered in answer booklet.

Time: 3 Hours**Max. Marks: 100****PART - A (20 × 1 = 20 Marks)**Answer **all** Questions**Marks BL CO**

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|---|---|---|---|
| 1. Select the type of governance that is being defined at the suggestion level
(A) IT Governance (B) Political Governance
(C) Good Governance (D) Bad Governance | 1 | 1 | 1 |
| 2. A factor that deals with particular set of circumstances by providing necessary rules is referred as
(A) Decision (B) Governance
(C) Procedures (D) Policy | 1 | 2 | 1 |
| 3. Creating demand for a specific product over a season is referred as
(A) Internal Risk (B) External Risk
(C) Social Risk (D) Technical Risk | 1 | 2 | 1 |
| 4. Pick the key requirement for good governance
(A) Availability (B) Authorization
(C) Authentication (D) Accountability | 1 | 2 | 1 |
| 5. A set of guidelines that supports government commerce is
(A) ITIL (B) COBIT
(C) VAL IT (D) CMMI | 1 | 1 | 2 |
| 6. ____ should be developed and implemented to ensure the business process can be restored within the required time.
(A) Timely Updates (B) Contingency plans
(C) Timely Resumption (D) Management Plans | 1 | 2 | 2 |
| 7. A discipline that enables organization to control costs, drive service excellence and mitigate risks it is referred as
(A) Vendor Management (B) Service management
(C) IT Governance (D) Security Management | 1 | 2 | 2 |
| 8. Pickup the correct answer from the following
(A) KPO industry is less older and mature than BPO sector
(B) KPO industry is more older and mature than BPO sector
(C) KPO industry is younger and not mature than BPO sector
(D) KPO industry is younger and mature than BPO sector | 1 | 2 | 2 |
| 9. An organization that prepares and publishes international standards for all electrical, electronic and related technology is
(A) PP (B) IEC
(C) ISMS (D) ISP | 1 | 1 | 3 |

10. A set of security requirements and specifications to be used as the basis for evaluation of an identified TOE	1	1	3
(A) ST			
(B) TOE			
(C) RT			
(D) PP			
11. Destroying data rather than stealing and misusing it is known as _____	1	2	3
(A) Virus Dissemination			
(B) Computer Vandalism			
(C) Cyber Terrorism			
(D) Hacking			
12. Hazard and Vulnerability assessment facts can be processed by	1	1	3
(A) incident response plan			
(B) business continuity plan			
(C) Emergency response plan			
(D) Recovery plan			
13. When personnel from other units belonging to same company audits, then the audit is referred as	1	1	4
(A) Internal Audit			
(B) External Audit			
(C) Foreign Audit			
(D) Self Audit			
14. The average net returns of a company is 10 Lakhs and its total initial investment is 5 lakhs. Calculate its accounting rate of return.	1	1	4
(A) 5 Lakhs			
(B) 2 Lakhs			
(C) 15 Lakhs			
(D) 50 Lakhs			
15. The Story of new opportunities with old risk is referred as	1	1	4
(A) Wireless Network			
(B) Operating System			
(C) IOT			
(D) Security			
16. The process that deals with assessing the adequacy and effectiveness in a company assets is termed as	1	2	4
(A) Security Testing			
(B) Audit			
(C) Survey			
(D) Board meeting			
17. The process of improving awareness to protect system resources is	1	2	5
(A) ISO			
(B) ISP			
(C) NASA			
(D) SETA			
18. A tool that acts as a barrier between the computer and Network on the internet is	1	2	5
(A) Firewall			
(B) Router			
(C) Server			
(D) Virus Monitor			
19. The solid methods of collecting security practices with less detail is termed as	1	1	5
(A) Baselineing			
(B) Standards			
(C) Policies			
(D) Procedures			
20. The main reason to develop information security policy is to	1	1	6
(A) Destroy the risk			
(B) Reduce the risk			
(C) Mitigate the risk			
(D) Increase the risk			

PART - B (5 × 4 = 20 Marks)

Answer **any 5** Questions

	Marks	BL	CO
21. Explain the IT risk Management life cycle with a neat sketch.	4	2	1
22. Elaborate on the principles of Business for a core software company.	4	3	2
23. List out the essentials of vendor reporting.	4	4	2
24. List and explain the disaster recovery mechanisms in an IT company.	4	3	3
25. How can you create an IT Asset Accountability management?	4	3	4
26. Summarize the security-related issues and incidents from an organizational view.	4	3	4
27. Narrate the Advantages and Disadvantages of cost-benefit analysis.	4	3	5

PART - C (5 × 12 = 60 Marks)

Answer **all** Questions

Marks BL CO

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|-----|---|----|---|---|
| 28. | (a) Explain the steps involved in evaluating the risk. Develop a risk management plan of your own and specify its required attributes.
(OR)
(b) Discuss the basic types of risks in detail. | 12 | 3 | 1 |
| 29. | (a) Explain the principles of IT Service Management and Delivery Excellence.
(OR)
(b) Explain the process of Outsourcing excellence in detail. | 12 | 3 | 2 |
| 30. | (a) Describe the Information assurance analysis model
(OR)
(b) Explain disaster recovery mechanisms in an IT company. | 12 | 4 | 3 |
| 31. | (a) Discuss the process of IT procurement management and Financial Management
(OR)
(b) Explain the auditing process in detail. | 12 | 3 | 5 |
| 32. | (a) Discuss the facts for the creation of policies in an organization.
(OR)
(b) Highlight the important constraints of protocol attacks and their types | 12 | 5 | 6 |

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