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Learning Sessions

CERTIFICATE EXAMINATION IN IT SECURITY · REMOTE PROCTORED

IT Security

CITS

Module-wise chapters, weightage & key topics

4

MODULES

20

CHAPTERS

100

MARKS

1

UPDATED TOPICS

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Paper pattern

- ✓ **100 questions** · 1 mark each · **100 marks**
- ✓ Duration **2 hours**, conducted **online**
- ✓ **No negative marking**
- ✓ Pass: **50%** aggregate (with module minimums)
- ✓ Mix of conceptual, applied & numerical questions

How to read this deck

- ✓ Each module shows its **indicative weightage**
- ✓ Every chapter lists **key topics** + chapter weightage
- ✓ **UPDATED** = topic with a recent regulatory change — revise latest figures
- ✓ Weightage is **indicative** (content volume + past-paper trend), not officially published by IIBF

Live + Recorded

Video classes

Exam PDFs

e-notes & one-liners

Mock tests

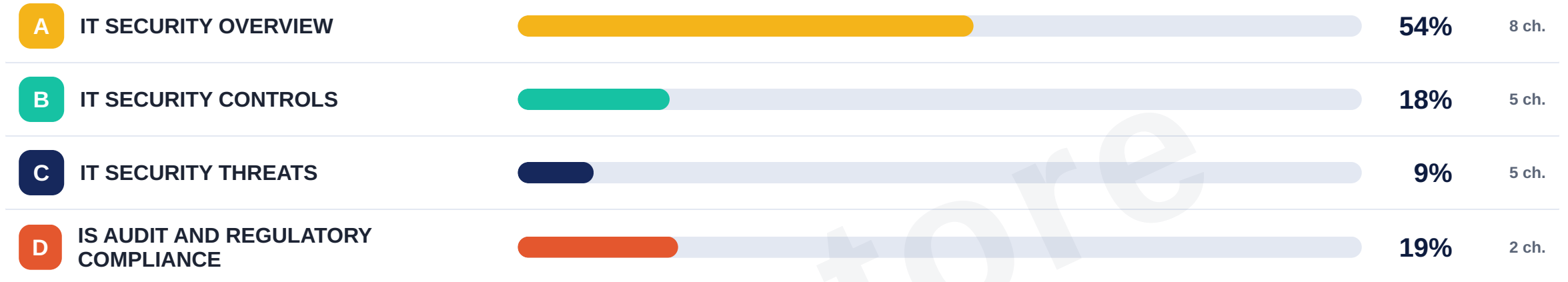
Latest IIBF pattern

Crash course

Fast-track revision

Module-wise weightage

WHERE THE MARKS SIT



Indicative distribution of 100 marks across the modules. Prioritise **Module A — IT SECURITY OVERVIEW**, the single largest scorer.

A

Module A — IT SECURITY OVERVIEW · 1/2

54%

MODULE WEIGHT

1	Introduction to Information Security - Data and Information, Information Classification, Need to Know, Information Security, Other Applicable Attributes of Information, Security, Physical Security, Logical Security, Advantages of organization's information, security programme, Disadvantages of organization's information security programme, Goals of Information security, Types of information security, The services of information, security	13 MARKS
2	Corporate IT Security Policies - Meaning of Corporate IT Security, Need for a Corporate IT Security Policy, Legal Requirements, Essential Features of Corporate IT, Security Policy, Physical Security Policy, Methodology of Framing an IT Security Policy, Awareness Initiatives, Aspects of security measurement	8 MARKS
3	Organisational Security and Risk Management - Organisational Security, Public Sector Organisation, Right to Information Act, 2005, Risk Metrics, Downstream Liability, Risk, Management in Banking, Classifications of security attacks in IT security, The information, security attacks	9 MARKS
4	Security Governance - Concepts, Policies, Framework, Key Responsibility Areas, Security Governance in Public Sector Undertakings, Security Governance in Banks, Compliance to Policies is a Must in Any Organization, Monitoring	4 MARKS
5	Physical and Environmental Security - Concepts, Physical Security Equipment, Intrusion Prevention Systems (IPSS), Environmental Security	2 MARKS

Chapters & key topics

IT SECURITY (CITS)

A

Module A — IT SECURITY OVERVIEW · 2/2

54%

MODULE WEIGHT

6

Hardware Security - Hardware, Network Related Devices Like Routers, Switches, Hubs

1

MARKS

7

Software and Operational Security - Concepts, Cloud Computing, Operational Security, Banking, Telecom Industry, IT Industry, BPO and KPO Industries, User Level, Controls, Software Security Techniques

7

MARKS

8

Security Standards and Best Practices - ISO 27000 Standards, ISO – ISMS, Benefits of ISO 27001, Cobit, Control Objectives in IT, CIA triad, Confidentiality, Integrity, Availability, Importance of Confidentiality, Components of Confidentiality, Different types of, Confidentialities

10

MARKS

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B Module B — IT SECURITY CONTROLS

18%
MODULE WEIGHT

9	Asset Classification and Controls - Asset Classification and Control, Protection of Information Assets, Control of Hardware Equipment, Traditional Methods to Control, Hardware Assets, Control of Software Assets, OSI Model	6 MARKS
10	Physical and Environmental Security Controls - Physical Security Layer Concepts, Environmen Physical and Environmental Security Controls - Physical Security Layer Concepts, Environmen	1 MARKS
11	Software Security Controls - Operating Systems (OS), Windows Security, Databases, Application Level Security, Mobile Banking, Internet Banking, Credit Cards	5 MARKS
12	Network Controls - Concepts, Controls in a Layered Network, VLANs, Protocols used in Network, Intrusion Detection System (IDS), Firewalls, Unified Threat Management, The Information Management Security, Advantages of information management security	5 MARKS
13	Controls in Software Development and Maintenance - Software Security Concepts, Software Dev Controls in Software Development and Maintenance - Software Security Concepts, Software Dev	1 MARKS

C Module C — IT SECURITY THREATS

9%
MODULE WEIGHT

- 14** Security Threats Overview - Threats, Cyber Espionage, Cyber Terrorism UPDATED **1** MARKS
Security Threats Overview - Threats, Cyber Espionage, Cyber Terrorism
- 15** Prevention and Detection of Software Attacks - Viruses and Malwares - Malware, Controls **1** MARKS
- 16** Incident Management - Objectives of Incident Response, Action Methodology, Processes Running, Awareness **2** MARKS
- 17** Fault Tolerant Systems - High Availability (HA), Services Oriented Architecture (SOA), The primary aspects of Service, Oriented Architecture **3** MARKS
- 18** Business Continuity and Disaster Recovery Management - Downtime, Phase I, Backups, Who Should Call 'Disaster'? Phase II, Phase III **2** MARKS

D **Module D — IS AUDIT AND REGULATORY COMPLIANCE**

19%
MODULE WEIGHT

19 **Information Systems Audit - History of EDP Audit in Banks, IS Auditor, External**
v. Internal IS Auditor, Audit Methodologies, Types of Audits, Planning Phase, Report, Presentation, Audit Policy, Cobit and Framework, Audit Reports

8
MARKS

20 **Regulatory mechanism in Indian Banks - RBI as the Regulator, RBI'S Regulatory**
Initiatives Taken so far, Gopalakrishna Working Group, Compliance in Banks, Penal Powers, of RBI, RBI's Regulatory Mechanism Already in Place, RBI, SEBI, TRAI, IRDAI, Legal, Enactments

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MARKS

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