



## Certified Information System Banker

### Rules & Syllabus

#### OBJECTIVE

The evolution of Information Technology (IT) affects the banking environment in many significant ways. It has changed the banking practices and altered the ways in which systems should be controlled and it has also increased the need for well educated banking professionals in the fields of Information Systems (IS), governance, assurance, security and control.

In the information based banking environment, banking professionals who are technically competent in IS, or IS specialists who understand security, control and banking operations, are in great demand for IS audit careers. The IS specialist and the IS auditor must continuously receive training to upgrade their knowledge, skills and abilities.

The Certified Information System Banker course has been specially designed to meet the needs of IS professionals.

#### **This comprehensive course aims :**

- (i) To develop functional expertise in the areas of system identification, development, implementation and designing.
- (ii) To develop expertise in computer security, implementation of threat prevention and detection systems, designing and testing risk mitigation strategies.
- (iii) To develop skills for objective assessment of information system control, information privacy and integrity.
- (iv) To study the tools that provides assurance in the system by measuring against four essential principles: availability, security, integrity and maintainability.
- (v) To aid the bank management in developing sound information system audit, control and security functions by providing criteria for personal selection and development.

#### FOR WHOM

- (i) Banking professionals who are technically competent in IS, or
- (ii) IS specialists who understand security, control and banking operations, or
- (iii) Any banker desiring to join the IS stream.

#### ELIGIBILITY

- (i) Any bank employee
- (ii) Any graduate of a recognized university or its equivalent

#### SUBJECT OF EXAMINATION

- (1) Information System for Banks

## EXAMINATION FEES / REGISTRATION FEES

	For Members	For Non-Members
First attempt	₹ 1,124/- *	₹ 1,685/- *
Subsequent each attempt	₹ 1,124/- *	₹ 1,685/- *

\* Inclusive of 12.36% Service Tax.

## MEDIUM OF EXAMINATION

Examination will be conducted in English only.

## PATTERN OF EXAMINATION

- Each Question Paper will contain approximately 100 objective type multiple choice questions.
- The examination will be held in online mode only. A list of examination centre will be provided in the online examination application form.

## DURATION OF EXAMINATION

The duration of examination will be of two hours.

## PERIODICITY AND EXAMINATION CENTRES

- The examination will be conducted normally twice a year in May / June and November / December.
- Examination **will be conducted on a Sunday**.

## PASSING CRITERIA

Candidate has to secure 60% or more marks in the examination to pass i.e. 60 marks out of 100.

## PROCEDURE FOR APPLYING FOR EXAMINATION

Application for examination should be made online from the Institute's website [www.iibf.org.in](http://www.iibf.org.in). No physical form will be accepted by the Institute with effect from 1<sup>st</sup> January, 2013.

## PROOF OF IDENTITY

Non-members applying for Institute's exams / courses are required to submit a copy of any one of the following documents along with Examination Application Form. Forms without the same shall be liable to be rejected.

- 1) Photo i/card issued by Employer or
- 2) PAN Card or
- 3) Driving License or
- 4) Election Voter's i/card or
- 5) Passport

## STUDY MATERIAL

The Institute has developed a courseware to cover the syllabus. Candidates are advised to make full use of the courseware and also the updates put on the IIBF website from time to time. However, as banking and finance fields are dynamic, rules and regulations witness rapid changes. Hence, candidates should keep themselves updated on latest developments by going through Master Circulars issued by RBI, visiting the websites of organizations like RBI, SEBI, BIS etc.

The Institute has published study books to facilitate study and they will be available at outlets / showrooms / distributors of M/s. Taxmann Publication Pvt. Ltd. The price of each book and detailed list of outlets is mentioned below.

Candidates may purchase directly from outlets / showrooms / distributors of the above.

Candidates who purchase books directly from outlets of publishers will be offered a discount of 20% on the cost price of the book. Candidates desirous of purchasing books by post will not be offered any discount. However, the postage will be borne by publishers. Candidates would be required to send their indent to publishers' outlet along with a Demand Draft for the cost of book/s. The Demand Draft should be drawn in favour of M/s. Taxmann Publication Pvt. Ltd. **(No cheques will be accepted).** **Candidates are requested not to send any request for the purchase of books to the Institute's Zonal Offices / Corporate Office.**

The program will be delivered through comprehensive course material and recommended readings.

Reference book for items (a) to (f) of the syllabus has been published by the Institute through M/s. Taxmann Ltd., and is available at the outlets of M/s. Taxmann Ltd. For Item No.(g) i.e. 'IS Review - Methodology & Approach' refer book on "Information System Audit & Assurance" authorised by D.P. Dube & V.P. Gulati published by Tata McGraw Hill Publishing Co. Ltd., 7 West Patel Nagar, New Delhi - 2005 Edition. The contact details of M/s Taxmann Ltd. are given elsewhere in this booklet and also at our website [www.iibf.org.in](http://www.iibf.org.in)

The Accredited Institutions of the Institute may provide classroom training, provided sufficient number of candidates are available for the same.

Name of the Book	Price
Information System for Banks, 2005	₹350/-

## ADDRESSES OF TAXMANN PUBLICATION PVT. LTD.

### BRANCHES & SHOWROOMS

#### **Jaina Book Agency**

649-A, Girgaum Road, Dhobi Talao,  
Mumbai - 400 002  
Tel. : 22012143, 22018485

#### **Asia Law House**

Shop No. 10, Aiyangar Plaza,  
Between UTI & Central Bank  
Bank Street Kothi,  
Hyderabad - 500 095  
Tel. : 24742324

#### **Standard Book Distributors**

104, Labh Complex, 12-B,  
Sattar Taluka Society,  
Opp. Old High Court Rd.,  
Ahmedabad - 380 014  
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#### **Student Book Centre**

527, Kalbadevi Road,  
Opp. Edward Cinema,  
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Tel. : 22050510, 22080668

#### **Commercial House**

149, Rajendra Market,  
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#### **Book Corporation**

4, R. N. Mukherjee Road,  
Kolkata - 700 001  
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#### **Student Agencies (I) Pvt. Ltd.**

102, Konark Shram,  
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Tel. : 2351334-37

#### **C. Sitaraman & Co.,**

37, Royapettah High Road,  
Chennai-600 014  
Tel. : 28111516, 28117069, 28113950

#### **Law Point**

6C, R. N. Mukherjee Road,  
Opp. Birla Building, Stephen House,  
Kolkata - 700 011  
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#### **Krishna Law House**

35-36, Gokhale Market,  
Opp. Tis Hazari Court, Delhi -110 054  
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Ground Floor, Sujatha Complex,  
1st Cross Gandhinagar,  
Bangalore - 560 009  
Tel. : 2265500, 2254052

#### **Modern Law House**

1/1, A. D. A. Flat,  
(Near Bishop Johnson School),  
M. G. Marg, Allahabad - 211001  
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#### **Arora Law Agency**

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#### **Commercial Book House**

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#### **M/s. Taxmann Publication Pvt. Ltd.**

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Opp. Mulund Railway Station,  
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E-mail: Nileshbhanushali@taxmann.com

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#### **M/s. Taxmann Publication Pvt. Ltd.**

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Paldi, Ahmedabad - 380 007  
Cell : 9909984900  
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## SYLLABUS

The details of the prescribed syllabus which is indicative are furnished in the booklet. However, keeping in view the professional nature of examinations, all matters falling within the realm of the subject concerned will have to be studied by the candidate as questions can be asked on all relevant matters under the subject. Candidates appearing for the Examination should particularly prepare themselves for answering questions that may be asked on the latest developments taking place under the various subjects of the said examination although those topics may not have been specifically included in the syllabus. The Institute also reserves to itself the right to vary the syllabus / rules / fee structure from time to time. Any alterations made will be notified from time to time. Further, questions based on current developments in banking and finance may be asked.

Candidates are advised to refer to financial news papers / periodicals more particularly "IIBF VISION" and "BANK QUEST" published by the Institute.

# SYLLABUS

## a) Technology in Banks

- i) Banking Environment and Technology.
- ii) Overview of Processing Infrastructure.
- iii) Accounting Information System.
- iv) Information Organisation and Management.
- v) Risk associated with Technology Banking.
- vi) Audit Function and Technology.

## b) Technology - System, Development, Process, Implementation

- i) Hardware Architecture.
- ii) Software platforms - System design, development and maintenance.
- iii) SDLC (Software Development lifecycle)
- iv) Networking.

## c) Security and Controls, Standards in Banking

- i) Security - Overview of security, Architecture, Policy, Procedure, Implementation, Monitoring.
- ii) Controls - Physical Controls, IT controls, Application controls, Resources and Tools.
- iii) Standards - ISO, CMM, CoBIT, RBI guidelines.

## d) Continuity of Business

- i) Difference between CoB, BCP and DRP.
- ii) CoB Plan, policy and procedures.
- iii) Risk Management and Impact Analysis.
- iv) Testing and implementation of CoB, BCP and DRP.

## **e) Overview of legal framework**

- i) IT Act, Intellectual Property Right, Copyright.

## **f) Security policies, procedures and controls**

- i) Management Control Framework.
- ii) Development and review of security policies and controls standards.
- iii) Compliance and incident handling.
- iv) Network security.
- v) Security implemented by operating system and databases, Hardware and Software.
- vi) Network components.

## **g) IS Review - Methodology and Approach**

- i) ISAudit as review of IS management function.
- ii) Review of Human Resources Management Function, Technology Management Function, Data Management Function, Application Management Function, Facilities Management Function.
- iii) Audit Standards.
- iv) Audit Organisation and Management.
- v) Audit in computerised environment.
- vi) Risk based audit.
- vii) Substantive and compliance review.

Use of CAAT's - use of general audit software.

## COURSES OF IIBF

### A. Flagship Courses

- ☞ JAIB
- ☞ CAIB
- ☞ Diploma in Banking & Finance

### B. Specialised Post Graduate Diploma Courses (for Member\* and Non-Members\*\*)

- ☞ Diploma in Treasury, Investment and Risk Management
- ☞ Diploma in Banking Technology
- ☞ Diploma in International Banking and Finance
- ☞ Diploma in Urban Co-operative Bank
- ☞ Diploma in Commodity Derivatives for Bankers
- ☞ Diploma for Micro Finance Professionals in collaboration with Sa-Dhan
- ☞ Advanced Wealth Management Course
- ☞ Diploma in Home Loan Advising

### C. Specialised Certificate Courses (for Member\* and Non-Members\*\*)

- ☞ Certificate in Trade Finance
- ☞ Certified Information System Banker
- ☞ Certificate in Anti-Money Laundering / Know Your Customer
- ☞ Certificate in Quantitative Methods for Bankers
- ☞ Certificate in Credit Cards for Bankers
- ☞ Certificate Examination in Banking Oriented Paper in Hindi
- ☞ Certificate Examination in SME Finance for Bankers
- ☞ Certificate Examination in Customer Service & Banking Codes and Standards
- ☞ Certificate Examination in Basics of Banking / Credit Cards for employee of IT Companies
- ☞ Certificate Course for Business Correspondents / Business Facilitators
- ☞ Certificate Examination for Debt Recovery Agents
- ☞ Certificate Examination in IT Security
- ☞ Certificate Examination in Rural Banking Operations for RRB Staff
- ☞ Certificate Examination in Prevention of Cyber Crimes and Fraud Management
- ☞ Certificate Examination in Foreign Exchange Facilities for Individuals
- ☞ Certificate Examination in Microfinance

### D. Management Courses

- ☞ Advanced Management Program in collaboration with SIES - Mumbai, Welingkar-Mumbai, IMI-Delhi, IPE-Hyderabad.
- ☞ Project Finance Management Blended Course with IFMR, Chennai
- ☞ CAIB linked MBA with IGNOU.

### Educational support :

- ☞ Publishing specific courseware for each paper / examination and Workbooks etc.
- ☞ Tutorials through Accredited Institutions, Virtual Classes, e-learning through Portal, Contact Classes or Campus Training - Model Questions and subject updates on the net

### Other activities :

- ☞ Research, Seminars, Conferences, Lectures, etc.
- ☞ Publications of books, Daily e-newsletter, monthly newsletter and quarterly journal
- ☞ Training & Consultancy and Financial Education

\* Members are employees of Banks and Financial Institutions who have enrolled as members of IIBF.

\*\* Non-Members are eligible candidates for each course / examination without IIBF Membership.

The Syllabi, Rules / Regulations, Examination Forms and other information pertaining to the examinations are available with Institute's Offices at Mumbai, Chennai, New Delhi, Kolkata and also at such other centers / offices as may be notified from time to time. The same is also available at our website [www.iibf.org.in](http://www.iibf.org.in).

## ADDRESSES FOR CONTACT

### Corporate Office :

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408, 'Anandlok', 'A' Block, 4th Floor,  
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