



## Certified Information System Banker

### Rules & Syllabus 2018

#### 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.

#### DDIPLOMA IN INFORMATION SYSTEM AUDIT (DISA)

**Candidates who clear all the following three Certificate examinations under the revised syllabus will be given a "DIPLOMA IN INFORMATION SYSTEM AUDIT (DISA)" from May 2017 :**

- Certificate Examination in IT Security (Revised Syllabus)
- Certificate Examination in Prevention of Cyber Crimes and Fraud Management (Revised Syllabus)
- Certificate Examination in Information System Banker (Revised Syllabus)

Candidates who clear all the above three Certificates under revised syllabus will however have to apply for DISA certificate by paying Rs.500/- plus taxes as applicable.

For candidates who have already cleared any or all the above three examinations under the old syllabus, i.e. prior to May 2017 need to apply and clear the examination under revised syllabus to become eligible for DISA Certificate.

### ELIGIBILITY

- Members and Non-Members of the Institute
- Candidates must have passed the 12<sup>th</sup> standard examination in any discipline or its equivalent.

### SUBJECT OF EXAMINATION

(1) Information System for Banks

### PASSING CRITERIA:

Minimum marks for pass in the subject is 60 out of 100.

### EXAMINATION FEES\* :

| Particulars             | For Members  | For Non-Members |
|-------------------------|--------------|-----------------|
| First attempt           | Rs.1,000/- * | Rs.1,500/- *    |
| Subsequent each attempt | Rs.1,000/- * | Rs.1,500/- *    |

\* Plus Convenience charges and Taxes as applicable.

**Please Note : Candidates are required to Register for every attempt separately.**

As a measure to streamline the traffic for registration, Institute will charge regular examination fee to candidates who registers for the examination during the regular open period of registration. **For the extended days of registration, late fee of Rs.200 plus taxes, will be charged in addition to regular examination fee.** This extended days of registration, also gives candidates addition opportunity to register for the examination, having missed the regular open period of registration.

The fee once paid will **NOT** be refunded or adjusted on any account.

### MEDIUM OF EXAMINATION :

Examination will be conducted in English only.

### PATTERN OF EXAMINATION:

- Question Paper will contain 100 objective type multiple choice questions for 100 marks.
- The examination will be held in Online Mode only
- There will NOT be negative marking for wrong answers.

### DURATION OF EXAMINATION:

The duration of the examination will be of 2 hours.

### PERIODICITY AND EXAMINATION CENTRES:

- Examination will be conducted on pre-announced dates published on IIBF Web Site. Institute conducts examination on half yearly basis, however periodicity of the examination may be changed depending upon the requirement of banking industry.
- List of Examination centers will be available on the website. (Institute will conduct examination in those centers where there are 20 or more candidates.)

## PROCEDURE FOR APPLYING FOR EXAMINATION

Application for examination should be registered online from the Institute's website [www.iibf.org.in](http://www.iibf.org.in). The schedule of examination and dates for registration will be published on IIBF website.

### PROOF OF IDENTITY

Non-members applying for Institute's examinations / courses are required to attach / submit a copy of any one of the following documents containing Name, Photo and Signature at the time of registration of Examination Application. Application without the same shall be liable to be rejected.

- 1) Photo I / Card issued by Employer or 2) PAN Card or 3) Driving Licence or
- 4) Election Voter's I / Card or 5) Passport 6) Aadhaar Card

### STUDY MATERIAL / COURSEWARE

The Institute has developed a courseware to cover the syllabus. The courseware (book) for the subject/s will be available at outlets of publisher/s. Please visit IIBF website [www.iibf.org.in](http://www.iibf.org.in) under the menu "Exam Related" for details of book/s and address of publisher/s outlets. Candidates are advised to make full use of the courseware. However, as banking and finance fields are dynamic, rules and regulations witness rapid changes. Therefore, the courseware should not be considered as the only source of information while preparing for the examinations. Candidates are advised to go through the updates put on the IIBF website from time to time and go through Master Circulars / Master Directions issued by RBI and publications of IIBF like IIBF Vision, Bank Quest, etc. All these sources are important from the examination point of view. Candidates are also to visit the websites of organizations like RBI, SEBI, BIS, IRDAI, FEDAI etc. besides going through other books & publications covering the subject / exam concerned etc. Questions based on current developments relating to the subject / exam may also be asked.

### Cut-off Date of Guidelines / Important Developments for Examinations

The Institute has a practice of asking questions in each exam about the recent developments / guidelines issued by the regulator(s) in order to test if the candidates keep themselves abreast of the current developments. However, there could be changes in the developments / guidelines from the date the question papers are prepared and the dates of the actual examinations.

In order to address these issues effectively, it has been decided that:

- (i) In respect of the examinations to be conducted by the Institute for the period February to July of a calendar year, instructions / guidelines issued by the regulator(s) and important developments in banking and finance up to 31st December will only be considered for the purpose of inclusion in the question papers".
- (ii) In respect of the examinations to be conducted by the Institute for the period August to January of a calendar year, instructions / guidelines issued by the regulator(s) and important developments in banking and finance up to 30th June will only be considered for the purpose of inclusion in the question papers.

The table given below further clarifies the situation.

| <b>Particulars<br/>Developments for Examination/s</b>  | <b>Cut-off Date of Guidelines / Important<br/>Developments for Examination/s</b> |
|--|--|
| For the examinations to be conducted by the Institute for the period February 2018 to July 2018  | 31st December 2017   |
| For the examinations to be conducted by the Institute for the period August 2018 to January 2019 | 30th June 2018   |

## **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 subject/s 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.

### **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) ITAct, 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) S 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.

### **IMPORTANT RULES / INFORMATION FOR CANDIDATES**

#### **1. ADMIT LETTER OF EXAMINATIONS :**

- a. Admit letter to all eligible candidates will be emailed to the candidates in their email id registered with the Institute, 10 days before the examination date.
- b. Admit letter of all eligible candidates will be hosted on Institute's website [www.iibf.org.in](http://www.iibf.org.in) under the menu 'Exam Related', 1 week before the examination date.
- c. For downloading and printing of admit letter from the above mentioned website, candidates will have to enter the following:
  - i. Membership or registration number as **login id**
  - ii. **Edit profile password.**

- iii. If candidates do not remember their Edit profile password, they have to click on the 'Forgot password / Get Password' button after entering the Membership or Registration number. On clicking fresh edit profile password will be sent to their registered email id.
- d. Candidates are required to **produce printed copy of admit letter** along with Membership identity card or any other valid photo ID card (Aadhaar card / Employer's card / PAN Card / Driving License / Election voter's card / Passport etc.) at the examination venue.
- e. **In the absence of printed copy of Admit Letter and Photo Identity Card, candidates will be denied permission to write Examination.**

## 2. Mobile Phones

- a. Mobile phones and other electronic / smart gadgets (except calculator as permissible) are not allowed in the examination hall. It is clarified that mere possession of mobile phone and other electronic / smart gadgets in the examination hall whether in switch off mode or silent mode shall also be deemed to be resorting to adoption of unfair means in the examination.

## 3. Use of calculator

- a. Candidates will be allowed to use battery operated portable calculator in the examination. The calculator can be of any type up to 6 functions, 12 digits.
- b. Attempt to use any other type of calculator not complying with the specifications indicated above or having more features than mentioned above shall tantamount to use of unfair means. Scientific calculator is not allowed.

## 4. Other Rules / Information

- a. Candidates should ensure that they sign the Attendance Sheet.
- b. Candidates are advised to reach the Examination Venue before the reporting time mentioned in the admit letter. **No candidate/s will be permitted to enter the Examination Venue after the gate closing time mentioned in the admit letter.**
- c. **No candidate will be permitted to leave the examination venue in the first 60 minutes from the scheduled start time of the examination.**
- d. **Candidates should occupy the seat mentioned against each subject in the Admit letter.**
- e. Candidates would be able to login to the system only with the password mentioned in this Admit Letter. This password should not be disclosed to others. Keep it safe to avoid the possible misuse.
- f. If the examination could not commence on scheduled time or there is delay due to Failure of power, Technical snag of whatsoever nature or for any such reason having bearing upon the conduct of examination; candidates have to: -
  - i. Wait till resumption of power supply / solving of technical snag.

- ii. Take-up the examination at other venue arranged by the examination conducting authority.
  - iii. Follow instructions given by the examination conducting authority.
- f. Candidates are required to strictly follow all the instructions given by the examination conducting authority during the examination and adhere to Rules of the examination.
- g. Violation of any of the Rules / Instructions, misuse of the Admit Letter will be considered to be an act of serious misconduct and the Institute will take action as per the Rules of the examination, which will also be reported to the employer of the candidate.

#### **5. Rules, Penalties for Misconduct / Unfair Practices:**

- a. Communication of any sort between candidates or with outsiders is not permitted and complete silence should be maintained during the examination.
- b. Copying answers from other candidates / other printed / Electronic material or permitting others to copy or consultation of any kind will attract the rules relating to unfair practices in the examination.
- c. No candidate shall impersonate others or allow others to impersonate himself / herself at the examination.
- d. No candidate shall misbehave / argue with the Examination Conducting Authorities at the centre.
- e. Candidates have to compulsory return any papers given including that given for rough work to invigilator.
- f. Candidates should not possess and / or use books, notes, periodicals, etc. in the examination hall at the time of examination / or use mathematical tables, slide rules, stencils etc. during the examination.

If any candidate violates any of the above rules, it will be considered to be an act of misconduct and he/she will be liable for punishment.

**PLEASE REFER INSTITUTE'S WEBSITE UNDER THE MENU "EXAM RELATED" FOR DETAILS OF DEBARMENT PERIOD FOR UNFAIR PRACTICES ADOPTED BY CANDIDATES DURING CONDUCT OF INSTITUTE'S EXAMINATIONS.**

#### **6. Result Advice / Consolidated Marksheet / Final Certificate**

- a. Result Advice of candidates will be hosted on Institute's website on declaration of result, which can be downloaded by the candidates.
- b. Consolidated mark sheet for candidates completing examination having more than one subject, will be available on the Institute's website after the declaration of results. Candidates can download the same after entering login credentials using their membership number and edit profile password.
- c. Final certificates will be sent by speed post within 2 months after the declaration of result.

## Multiple Choice Questions (MCQs) and Answers

"The Institute conducts its examinations through Multiple Choice Questions (MCQs). These MCQs are part of the Question Bank of the Institute and its Intellectual Property. As a matter of policy, these MCQs and their answers will not be shared by the Institute with the candidates or others and no correspondence in this regard will be entertained."

### CONTACT DETAILS :

Register your queries through website [www.iibf.org.in](http://www.iibf.org.in) > Members / Candidates Support

Services (Help)

or

Email all your queries to [care@iibf.org.in](mailto:care@iibf.org.in)

### Member Support Service Office :

Indian Institute of Banking & Finance

191-F, Maker Towers, 19th Floor,

Cuffe Parade, Mumbai - 400 005

Tel. : 022-2218 3302 / 2218 5134

### For training / contact classes related queries contact :

Leadership Centre

Indian Institute of Banking & Finance

Kohinoor City, Commercial-II, Tower-I, 3rd Floor,

Kirol Road, Off L.B.S.Marg, Kurla West, Mumbai 400 070.

Tel. : 022 25039746 / 9604 / 9907

E-mail : [training@iibf.org.in](mailto:training@iibf.org.in)

### PROFESSIONAL DEVELOPMENT CENTRES :

| South Zone  | North Zone  | East Zone   |
|---|---|---|
| Indian Institute of Banking & Finance<br>No. 94, Jawaharlal Nehru Road,<br>(100 Feet Road), Opp. Hotel<br>Ambica Empire, Vadapalani,<br>Chennai – 600 026.<br>Tel. : 044-2472 2990 / 2472 8587<br>E-mail : <a href="mailto:iibfsz@iibf.org.in">iibfsz@iibf.org.in</a> | Indian Institute of Banking & Finance<br>102-113, Vikrant Towers,<br>1st Floor, 4 Rajendra Place,<br>New Delhi – 110 008.<br>Tel. : 011-2575 2191 / 92<br>E-mail : <a href="mailto:iibfnz@iibf.org.in">iibfnz@iibf.org.in</a> | Indian Institute of Banking & Finance<br>Hindusthan Building (Annexe),<br>7th Floor, 4, C. R. Avenue,<br>Kolkatta – 700 072.<br>Tel. : 033-2212 4992<br>E-mail : <a href="mailto:iibfez@iibf.org.in">iibfez@iibf.org.in</a> |

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