



CERTIFICATE EXAMINATION IN QUANTITATIVE METHODS FOR BANKING & FINANCE

Rules & Syllabus 2010

OBJECTIVE

To explain various quantitative methods (concepts and principles) in a very simple manner with examples from banking in order to highlight their relevance.

ELIGIBILITY

Any graduate of a recognized university will be eligible for admission.

EXAMINATION FEES / REGISTRATION FEES

	For Members	For Non-Members
First attempts	Rs. 2000/-	@Rs. 3000/-
Subsequent each attempts	Rs. 1000/-	Rs. 1000/-

@Includes registration fee for Rs.500/-

MEDIUM OF EXAMINATION

Examination will be conducted in English only.

PATTERN OF EXAMINATION

Question Paper will contain approximately 120 objective type multiple choice questions, carrying 100 marks including questions based on case study / case lets.

DURATION OF EXAMINATION

Examination will be of two hours duration..

PERIODICITY AND EXAMINATION CENTRES

- (i) The examination will be conducted normally twice a year in June and December on a Sunday.

(ii) Information about mode of examination (**online / offline**) and a list of examination centre will be provided along with examination application form.

PASSING CRITERIA

The candidate has to secure 50% or more marks in the examination to pass, i.e. 50 marks out of 100.

PROCEDURE FOR APPLYING FOR EXAMINATION

Examination Application Forms will be available at the Institute's website **www.iibf.org.in** which could be downloaded and filled in. The application forms will be also available at the Institute's zonal offices, Corporate Office and also at such other centres / offices as may be notified from time to time. Examination Application Forms duly filled in (for the detailed instructions refer the Examination Application Form) along with requisite examination fee should be submitted to the respective zonal office at Mumbai, Chennai, New Delhi, Kolkata. The Institute accepts no responsibility for delay or inconvenience arising from the candidate's failure to reach the Examination Application Form in time or if the form is incomplete or failure to furnish all the essential information about himself / herself and the details of his / her examination.

STUDY MATERIAL

The Institute has published study books to facilitate study and will be available at outlets / showrooms / distributors of M/s. Macmillan Publishers India Ltd. The price of each book and detail 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 books. The Demand Draft should be drawn in favour of M/s. Macmillan Publishers India 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.

Name of the Book	Price
Quantitative Methods for Banking & Finance	Rs.125/-

New Delhi

2/19 Ansari Road, Daryaganj,
New Delhi - 110002
Phone : (Oil) 23273624 / 23273814 /
23263969 / 23289442 / 23289443
E-mail : mildel@macmillan.co.in

Kolkata

Unit No 302, L&T Chambers, (3rd Floor),
16 Camac Street, Kolkata - 700017
Phone : (033) 22834480-85
E-mail : milcal@macmillan.co.in

Chennai

240 Lloyds Road, Chennai 600086
Phone : (044) 28353372 / 28353174
E-mail : rnillo@macmillan.co.in

Bangalore

12-12/A, Shrunagar Shopping Centre,
M. G. Road, Bangalore - 560001
Phone : (080) 25583777
E-mail : milbgl@macmillan.co.in

Bhopal

76 Malviya Nagar, TT Nagar,
Bhopal - 462003
Phone : (0755) 2553895
E-mail : milbho@macmillan.co.in

Chandigarh

First Floor, SCO Number, 449-450,
Sector 35C, Chandigarh - 160022
Phone : (0172) 2611651 / 5088291
Email : milchd@macmillan.co.in

Coimbatore

136 Sarojini Street, Ram Nagar,
Coimbatore - 641009
Phone : (0422) 2230940 / 2237805
E-mail : milcbe@macmillan.co.in

Cuttack

Maitree Vihar, Link Road, Cuttack -753012
Phone : (0671) 2311979 / 2331979
E-mail : milcut@macmillan.co.in

Guwahati

S. C. Goswami Road, Pan Bazar,
Guwahati -781001
Phone : (0361) 2516564 / 2633529
E-mail : milguw@macmillan.co.in

Hubli

Suvidha Annexe, F-17 Block A,
389 Keshawapur, Hubli - 580023
Phone : (0836) 2361944
E-mail : milhub@macmillan.co.in

Hyderabad

104-105 Shakti Sai Complex,
1st Floor, Chapel Road, Abids,
Hyderabad - 500001
Phone : (040) 23212867 / 66633233
E-mail : milhyd@macmillan.co.in

Jaipur

B-48 Sankar Marg,
Opp. Imliwala Phatak,
Lai Kothi Scheme,
Jaipur - 302015
Phone : (0141) 2741308
E-mail : miljai@macmillan.co.in

Lucknow

17/1 Mudra Building,
Madan Mohan Malviya Marg,
Lucknow-226001
Phone : (0522) 2209780 / 2208810
E-mail : milluc@macmillan.co.in

Madurai

6-A Sarojini Street, Chinna,
Chokkikulam, Madurai - 625002
Phone : (0452) 2530207 / 2527731
E-mail : milmdu@macmillan.co.in

Mumbai

Unit No. 404, Antariksh Makwana Road,
Andheri (E), Mumbai 400059
Phone : (022) 28526228 / 29 / 30

Mumbai

Mercantile House, Magazine Street,
Reay Road (East), Mumbai - 400010
Phone : (022) 23724401 / 23726017 /
23741423
E-mail : macray@bom3.vsnl.net.in

Nagpur

House No. 158, 1st Floor,
Near Kasturba Library,
Sadar Extension Area,
Nagpur - 440001
Phone : (0712) 2531241
E-mail : milnag@macmillan.co.in

Patna

Sinha Library Road, Patna - 800001
Phone : (0612) 2232550 / 22242348
E-mail : milpat@macmillan.co.in

Pune

8 Shreenad Apartments,
2030 Sadashiv Peth,
Tilak Road, Pune - 411030
Phone : (020) 24329872 / 3
E-mail : milpun@macmillan.co.in

Thiruvananthapuram

Narayana Towers, Vazhuthacaud,
Thiruvananthapuram - 695014
Phone : (0471) 2328314
E-mail : miltvm@macmillan.co.in

Visakhapatnam

30-15-138, 2nd Floor,
Binayaka Complex, Dabagardens,
Visakhapatnam - 530020
Phone : (0891) 2745384
E-mail : milviz@macmillan.co.in

SYLLABUS

The details of the prescribed syllabus which is indicative are furnished below. 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

I. Time Value of Money

- a. Simple Interest
- b. Compound Interest
- c. Frequency of Compounding
- d. Continuous Compounding
- e. Present Value

II. Differential Calculus

- a. Function
- b. Graphical Representation of a Function
- c. Derivative of a Function
- d. Increasing and Decreasing Function
- e. Second Order Derivatives
- f. Maxima and Minima

III. Statistical Measures

- a. Frequency Distribution
- b. Measures of Central Tendency
- c. Measures of Dispersion
- d. Measures of Skewness
- e. Measures of Kurtosis
- f. Correlation
- g. Regression

IV. Probability Theory

- a. Probability
- b. Conditional Probability
- c. Random Variable
- d. Distribution Function
- e. Expectation and Standard Deviation
- f. Binomial Distribution
- g. Poisson Distribution
- h. Normal Distribution

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
- ☞ Post Graduate Diploma in Financial Advising
- ☞ 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 for SME
- ☞ Certificate Examination in Basics of Banking / Credit Cards for employee of IT Companies

D. Management Courses

- ☞ Advanced Management Program in collaboration with SIES - Mumbai, Welingkar-Mumbai, IMI-Delhi.
- ☞ Project Management Blended Course with IFMR, Chennai
- ☞ Advanced Diploma in Banking Technology (with PNB-IT) - An entry point qualification
- ☞ 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.

MEMBERS OF THE GOVERNING COUNCIL (As on 01/01/2010)

President

Shri O. P. Bhatt, Chairman, State Bank of India

Vice President

Shri M. V. Nair, Chairman & Managing Director, Union Bank of India

Shri M. D. Mallya, Chairman & Managing Director, Bank of Baroda

Representing Reserve Bank of India

Shri C. Krishnan, Executive Director

Representing State Bank of India and its Associate Banks

Shri Narayanan Raja, DMD & CDO, State Bank of India

Shri Arun Shandilya, Managing Director, State Bank of Bikaner & Jaipur

Representing Public Sector Banks

Shri A. C. Mahajan, Chairman & Managing Director, Canara Bank

Shri Yogesh Agarwal, Chairman & Managing Director, IDBI Bank Ltd.

Shri M. S. Sundara Rajan, Chairman & Managing Director, Indian Bank

Shri K. R. Kamath, Chairman & Managing Director, Punjab National Bank

Shri A. K. Misra, Chairman & Managing Director, Bank of India

Shri J. M. Garg, Chairman & Managing Director, Corporation Bank

Shri S. Sridhar, Chairman & Managing Director, Central Bank of India

Representing Financial Institutions

Shri U. C. Sarangi, Chairman, NABARD

Representing Private Sector Banks

Shri M. V. Venugopalan, Chairman & CEO, The Federal Bank Ltd.

Shri Ananthkrishna, Chairman & CEO, Karnataka Bank Ltd.

Representing Foreign Banks

Shri Gunit Chadha, Chief Executive Officer - India, Deutsche Bank AG

Representing Co-operative Banks

Shri S. K. Banerji, Managing Director, The Saraswat Co-op Bank Ltd.

Representing other Bodies / Experts

Shri Y. H. Malegam, Former Managing Partner, SB. Billimoria & Co., Chartered Accountants

Prof. Y. K. Bhushan, Senior Adviser, ICFAI Business School

Dr. Asish Saha, Director, National Institute of Bank Management

Dr. K. Ramakrishnan, Chief Executive, Indian Bank's Association

From IIBF

Shri R. Bhaskaran, CEO, Indian Institute of Banking & Finance

ADDRESSES FOR CONTACT

Corporate Office :

Indian Institute of Banking & Finance
The "Arcade", World Trade Centre, 2nd Floor,
East Wing, Cuffe Parade, Mumbai - 400 005
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E-mail : iibgen@bom5.vsnl.net.in

Northern Zonal Office :

Indian Institute of Banking & Finance
109-113, Vikrant Towers, 1st Floor,
4, Rajendra Place, New Delhi - 110 008
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Fax : 91-011-2575 2193
E-mail : iibnz@iibf.org.in

Southern Zonal Office :

Indian Institute of Banking & Finance
No.94, Jawaharlal Nehru Road,
(100 Feet Road), Opp. Hotel Ambica
Empire, Vadapalani, Chennai - 600 026
Tel. : 044-2472 2990/2472 7961
Fax : 044-2472 6966
E-mail : iibsz@iibf.org.in

Western Zonal Office :

Indian Institute of Banking & Finance
191-F, Maker Towers, 19th Floor,
Cuffe Parade, Mumbai - 400 005
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Fax : 022-2218 0845
E-mail : iibwz@iibf.org.in

Eastern Zonal Office :

Indian Institute of Banking & Finance
408, 'Anandlok', 'A' Block, 4th Floor,
227, Acharya J. C. Bose Road,
Kolkata - 700 020
Tel. : 033-2280 9681/82/83
Fax : 033-2280 9680
E-mail : iibez@iibf.org.in