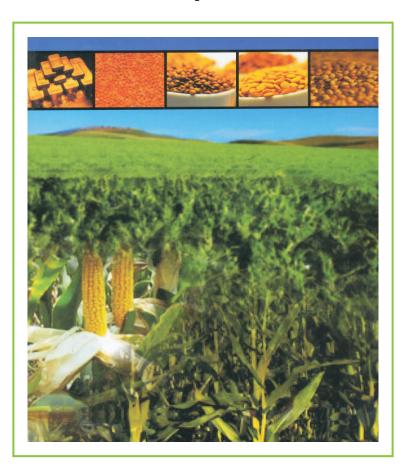
# Diploma in Commodity Derivatives for Bankers (DCDB)

Rules and Syllabus - 2008





INDIAN INSTITUTE OF BANKING & FINANCE An ISO 9001 - 2000 CERTIFIED ORGANISATION

> World Trade Centre, Cuffe Parade, Mumbai - 400 005

Web-site: www.iibf.org.in

#### Members of the Governing Council:

#### **President**

1. Dr. Anil K. Khandelwal, Chairman & Managing Director, Bank of Baroda

#### **Vice President**

- 2. Shri H.N. Sinor, Chief Executive, Indian Banks' Association
- 3. Shri T.S. Narayanasami, Chairman & Managing Director, Bank of India

#### Members

- 4. Shri S.K. Banerji, Managing Director, The Sarawat Co-op Bank Ltd.
- 5. Shri O.P. Bhatt, Chairman, State Bank of India
- 6. Prof. Y.K. Bhushan, Senior Advisor, ICFAI Business School.
- 7. Shri Gunit Chadha, Chief Executive Officer-India, Deutsche Bank AG
- 8. Ms.H.A. Daruwalla, Chairperson & Managing Director, Central Bank of India
- 9. Smt. Bharati Rao, Deputy Managing Director & CDO, State Bank of India
- 10. Shri Amitabha Guha, Managing Director, State Bank of Hyderabad
- 11. Shri P.K. Gupta, Chairman & Managing Director, United Bank of India
- 12. Shri C. Krishnan, Executive Director, Reserve Bank of India
- 13. Shri A.C. Mahajan, Chairman & Managing Director, Allahabad Bank
- 14. Shri Y.H. Malegam, S.B. Billimoria & Co.
- 15. Shri M.D. Mallya, Chairman & Managing Director, Bank of Maharashtra
- 16. Shri M.B.N. Rao, Chairman & Managing Director, Canara Bank
- 17. Dr. Asish Saha, Director, National Institute of Bank Management
- 18. Shri C.P. Swarnkar, Chairman & Managing Director, Syndicate Bank
- Dr. K.C. Chakrabarty, Chairman & Managing Director, Punjab National Bank
- 20. Shri M. Venugopalan, Chairman & CEO, The Federal Bank Ltd
- 21. Shri Yogesh Agarwal, Chairman & Managing Director, IDBI Ltd.
- 22. Dr. K.Ramakrishnan, Chairman & Managing Director, Andhra Bank
- 23. Shri U.C. Sarangi, Chairman, NABARD
- 24. Shri R.Bhaskaran, CEO, Indian Institute of Banking & Finance

#### ABOUT THE INSTITUTE

#### **GENESIS**

Indian Institute of Banking & Finance, a body of banks and financial institutions and professionals in banking and finance industry in India, was established on 30th April, 1928, at the initiative of few eminent bankers, businessmen and industrialists of India.

#### MISSION

The mission of the Institute is to develop professionally qualified and competent bankers and finance professionals primarily through a process of education, training, examination, consultancy / counseling and continuing professional development programmes.

#### **OBJECTIVES**

The objectives for which the Institute was established are:

- 1. To facilitate study of theory and practice of banking and finance
- 2. To test and certify attainment of competence in the profession of banking and finance
- 3. To collect, analyze and provide information needed by professionals in banking and finance
- 4. To promote continuous professional development
- To promote and undertake research relating to operations, products, instruments, processes etc. in banking and finance and to encourage innovation and creativity among finance professionals so that they could face competition and succeed.

#### VISION

"To be premier Institute for developing and nurturing competent professionals in banking and financial field".

#### **ACTIVITIES**

- 1. Design, develop and conduct examinations to test the proficiency of bank /financial sector employees in various areas of operations of banks/ financial institutions and finance related subjects.
- 2. Award certificates / diplomas to successful candidates.
- 3. Provide necessary educational support services such as tutorial classes, contact programmes and study material.
- 4. Dissemination of knowledge on banking and financial services through publication of quarterly journal "Bank Quest", a monthly newsletter "IIB VISION" and e-newsletter called 'fin@quest' and by organizing lectures /seminars, workshops as a part of continuing professional development programmes.
- Conduct of seminars on topical matters across the country for the benefit of members.

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# The details of the Diploma Examination in Commodity Derivatives for Bankers are as under:

#### 1.1 OBJECTIVES

Commodity Derivative segment is one of the sectors in Indian economy where demand for manpower is outpacing supply. Financial Institution, NBFC<sup>s</sup>, Intermediary homes and bankers have started showing interest in the commodity market and have started playing a prominent role. However, these institution are facing shortage of personnel trained in commodity futures. This diploma course will give necessary knowledge in commodity derivatives.

#### 1.2 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.

#### 1.3 SUBJECTS

- 1. Commodity Derivatives Theory
- 2. Economic Theory with reference to Commodity Markets
- 3. Commodity derivatives trading, Futures and Options strategies

#### 1.4 PATTERN OF EXAMINATION

Question Paper will be a mix of descriptive and objective type multiple choice questions. The examination will be conducted under **offline mode**.

#### 1.5 DURATION OF EXAMINATION

Examination will be of two hours duration.

#### 1.6 PERIODICITY AND EXAMINATION CENTRES

- The examination will be conducted normally twice a year in June/July and November / December on Sundays.
- A list of examination centers will be provided along with the Examination Application Form.

- Candidates will have to appear at the centre which they choose while applying for the examination first time and for the subsequent examinations also. The venue for the examination will be advised while issuing the examination admit card.
- Request for change in centre due to transfer or any other valid reason should reach the Institute 45 days before the commencement of the examination. Any request received thereafter will not be entertained.
- No change of centre request will be accepted for personal reasons. All the requests in case of change of centre due to transfer, training and deputation etc. should be accompanied by employer's authentication.

The Institute reserves a right to close any of the existing centre/s on account of less number of candidates appearing from that centre or any other reason which it may think fit. In such case, candidates will be advised to appear at the examination from the nearest available centre.

#### 1.7 ELIGIBILITY

The applicant should be graduate from a recognized university.

#### 1.8 TIME LIMIT FOR PASSING THE EXAMINATION

- a) Candidates will be required to pass the examination within a time limit of 2 years (i.e. 4 consecutive attempts). Initially a candidate will have to pay examination fee for a block of one year i.e.for two attempts. In case a candidate is not able to pass the Examination within a time limit of one year, he can appear for a further period of one year i.e. two attempts on payment of requisite fee.
- b) Candidates not able to pass Examination within stipulated time period of two years are required to re-enroll themselves afresh by submitting a fresh Examination Application Form. Such candidates will not be granted credit/s for subject/s passed, if any, earlier.
- c) Attempts will be counted from the date of application irrespective of whether a candidate appears at any examination or otherwise.

#### 1.9 EXAMINATION FEES

	For Members	For Non members @
First 2 attempts	Rs.4000	Rs.6000
Subsequent each attempts	Rs.2000	Rs.2000

@ Rs 500/- towards registration fee is payable by non members

#### 1.10 MEDIUM OF EXAMINATION

Examination will be conducted in English only.

#### 1.11 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 applications will be 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.

#### 1.12 ADMIT CARD

- The Institute will issue Examination Identity Card (to non-members) / Membership Identity Card (to members).
- In addition to the above, the Institute will issue Examination Admit Card before every examination indicating dates, time as well as User ID and password to be used while appearing at the examination to all candidates. A new admit card will be sent to every candidate for each examination.
- Both Examination Admit Card and the Identity Card should be produced to the Examination Authority each time at the examination venue for identification.
- In absence of the Admit Card / Identity Card, the candidate will be denied permission in the examination venue.

#### 1.13 CONDUCT AND DISCIPLINE IN THE EXAMINATION HALL

- Candidates should be present at the examination venue at least 15 minutes before the commencement of the examination. No candidate shall be permitted to enter the examination hall after the expiry of 15 minutes from the commencement of the examination.
- 2. Candidates should ensure that they sign the Attendance Sheet.
- Candidates should not possess and / or use books, notes, periodicals etc.
  in the examination hall at the time of the examination /or use mathematical
  tables, slide rules, stencils etc. during the examination. They should hand

them over to the Hall Superintendent before the commencement of the examination. Mobile phones are strictly prohibited in the examination hall. A candidate found in possession of such unauthorised material during the examination is liable to be proceeded against for adoption of unfair means in the examination in addition to reporting the matter to his/her employers for disciplinary proceedings for the misconduct.

4. Candidates will be permitted to use calculators while appearing for the Associate Examination subject to the following:

#### Calculators should:

- a) be of pocket size and fully portable
- b) be silent while in operation
- c) be battery operated
- not be capable of being programmed by the insertion of tapes or otherwise
- e) not have print out facilities
- f) be of the type upto 6 functions and 12 digits
- g) not be capable of retaining / storing data in memory when the same is switched off

Calculators which do not comply with the above conditions and found in possession of candidate during the examination will be confiscated by Examination Supervisors and returned to the candidate at the end of the examination. In case a candidate is found using the calculator not complying with the above conditions in the course of the examination, it will amount to adoption of unfair practice at the examination by the candidate concerned and the Institute shall take such action against the candidate as may be deemed appropriate.

- 5. Communication of any sort between candidates or with outsiders is not permitted and complete silence should be maintained during the examination.
- Copying answers from answer books of other candidates or permitting others to copy from one's answer book will attract the rules relating to unfair practices in the examination.
- 7. No candidate shall impersonate others or allow others to impersonate himself at the examination.
- 8. No candidate shall misbehave/argue with the Examination conducting authorities at the centre.

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 mentioned below.

#### 1.14 PENALTIES FOR MISCONDUCT/UNFAIR PRACTICES

The Institute shall have the right to impose penalties on any member for committing an act of misconduct/unfair practice in respect of any matter affecting the Institute or at or in respect of any examination conducted by the Institute or disqualifying any candidate who, they have reason to believe has received or given unfair assistance at the examination and

- a) to cancel the result of such candidate in all or any of the subjects of the examination at which he / she may have appeared;
- b) to exclude him / her from future examinations either permanently or for a specified number of examinations;
- c) to report his / her name to his / her employer and
- d) to take such other action against him / her as the Institute shall in their sole discretion deem fit and the decision of the Institute shall be final and binding on the candidate concerned.

The Institute shall also have right to cancel results of any subsequent examination at which the candidate may have appeared if such examination falls within the exclusion period in the penalty, as by reason of imposition of such a penalty of exclusion from the future examination, the candidate would not have been eligible to appear at such subsequent examinations.

In case any member including former member, desires to institute any legal proceedings against the Institute in respect of anything done or proposed to be done by the Institute in relation to him / her, such legal proceedings shall be instituted only in courts at Chennai, Kolkata, New Delhi and Mumbai in whose jurisdiction the application is submitted by him /her and not in any other court.

#### 1.15 PASSING CRITERIA

- a) Pass: Minimum marks for pass in every subject 50.
- b) Candidate securing atleast 45 marks in each subject with an aggregate of 50% marks in all subjects of examination in a single attempt will also be declared as Pass.
- c) First Class: 60% or more marks in aggregate and pass in all the subjects in the first attempt.

- d) First Class with Distinction: 75% or more marks in any individual subject and 60% or more marks in the aggregate and pass in all subjects in the first attempt.
- e) Candidates will be allowed to retain credits for the subject they have passed in one attempt till the expiry of the time limit for passing the examination as mentioned in 2.7 above.

#### 1.16 DECLARATION OF RESULTS

Provisional score card will be given to candidates after online examination. The final results of the examination along with the marks secured for each subject will be normally communicated to candidates by letter within two months after conclusion of the examination.

#### 1.17 FACILITY FOR VERIFICATION OF MARKS

No verification of marks will be done for on-line examination as evaluation is computerized.

In case of off-line examination, however, if any candidate requires his/her marks to be verified, he/she may request the Chief Executive Officer accordingly. Such verification will cover whether all answers have been valued.

The request for verification of marks must be received in the Institute's Zonal office within one month from the date of the declaration of the examination results. The candidate will have to pay a sum of Rs.150/- per subject. The payment should be made by means of crossed Demand Draft drawn in favour of 'Indian Institute of Banking & Finance' and payable at the place of the Zonal Office. The candidate should write his/her membership number on the back side of the draft.

#### 1.18 ISSUE OF CERTIFICATES

Candidates who pass the examination will receive a Certificate within six months after the Examination.

#### 2. EDUCATIONAL SUPPORT

#### 2.1 BANK QUEST

The Institute publishes quarterly journal Bank Quest, covering various aspects of banking and allied subjects. This is a priced publication and the subscription for the same is for 1 year Rs.140/-(for 4 issues) and for 2 years (8 issues) Rs.240/- at present.

#### 2.2 IIB VISION

The Institute also publishes a monthly newsletter titled as "IIB VISION" covering news on latest developments in banking and finance. This is sent to all regular members free of cost. Non-members can subscribe to this and the subscription for the same is for 1 year (12 issues) Rs.40/- and for 2 years (24 issues) Rs.80/- at present.

#### 2.3 E-NEWSLETTER:FIN@QUEST

The Institute publishes a daily e-newsletter through its portal, covering various aspects of banking and finance and its subscription rate is Rs.500/- per annum. This newsletter will be supplied at the email address of the subscriber on daily basis.

#### 2.4 STUDY MATERIAL/COURSEWARE

The Institute has published books to facilitate study through M/s Macmillan. Candidates may purchase them directly from outlets / showrooms / distributors of M/s Macmillan throughout the country. (Detailed list of outlets of Macmillan and the cost price of each book is given below).

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 as mentioned overleaf. The Demand Draft should be drawn in favor of M/s Macmillan 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.

#### 3. OTHER INFORMATION

# 3.1 PRICE LIST OF THE STUDY MATERIAL FOR THE EXAMINATION ENGLISHMEDIUM

Name of the Book	Price	
Comodity Derivatives	Rs. 345	

# 3.2 ADDRESSES OF STUDY MATERIAL PUBLISHERS ADDRESSES OF MACMILLAN INDIA LTD. BRANCHES & SHOWROOMS

#### For English Medium Books

Chandigarh:	Lucknow:		
First Floor, SCA Number 449-450,	17/1 Mudra Building,		
Sector 35 C,	Madan Mohan Malviya Marg,		
Chandigarh - 160 022	Lucknow - 226 001		
Ph: (0172) 2611561/5088291	Ph: (0522) 2209780/2208810		
e-mail: milchd@macmillan.co.in	e-mail: milluc@macmillan.co.in		
New Delhi :	Cuttack:		
2/19 Ansari Road, Daryaganj,	Maitree Vihar,		
New Delhi - 110 002.	Link Road,		
Ph: (011) 23273624/23273814	Cuttack - 753 012		
23263969/23289442/23289443	Ph: (0671) 2311979/2331979		
e-mail: mildel@macmillan.co.in	e-mail: milcut@macmillan.co.in		
Guwahati:	Kolkata:		
S C Goswami Road,			
Pan Bazar,	Unit No. 302, L & T Chambers, (3rd Floor), 16 Camac Street,		
Guwahati -781 001	(31d F1001), 10 Camae Street, Kolkata - 700 017		
Ph: (0361) 2516564/2633529,	Ph: (033) 22834480-85		
e-mail: milguw@macmillan.co.in	e-mail: milcal@macmilan.co.in		
Patna:	Bangalore:		
Sinha Library Road,	12-12/A, Shrungar Shopping Centre,		
Patna - 800 001	M.G.Road,		
Ph: (0612) 2232550	Bangalore - 560001,		
122242348	Ph: (080) 25583777		
e-mail: milpat@macmillan.co.in	e-mail: milbgl@macmillan.co.in		
Chennai:	Coimbatore:		
240, Lloyds road,	136, Sarojini Street, Ram Nagar,		
Chennai - 600 086	Coimbatore - 641009		
Ph: (044) 28353372/28353174	Ph: (0422) 2230940/2237805		
e-mail: milllo@macmilian.co.in	e-mail: milcbe@macmillan.co.in		
Hubli:	Hyderabad:		
Suvidha Annexe, F-17 Block A,	104-105 Shakti Sai Complex,		
389 Keshawapur,	1st Floor, Chapel Road, Abids,		
Hubli - 580023	Hyderabad - 500001		
Ph: (0836) 2361944	Ph: (040) 23212867/66633233		
e-mail: milhub@macmilian.co.in	e-mail: milhyd@macmillan.co.in		

Madurai:	Thiruvananthapuram:		
6-A, Sarojini Street, Chinna,	Narayan Towers,		
Chokkikulam,	Vazhuthacaud,		
Madurai - 625002	Thiruvananthapuram - 695014		
Ph: (0452) 2530207/2527731	Ph: (0471) 2328314		
e-mail:milmdu@macmilian.co.in	e-mail: miltvm@macmillan.co.in		
Visakhapatnam:	Bhopal:		
30-15-138, II Floor,	76 Malviya Nagar,		
Binayaka Complex, Dabagardens,	TT Nagar,		
Visakhapatnam - 530020	Bhopal - 462 003		
Ph: (0891) 2745384	Ph: (0755) 2553895		
e-mail: milviz@macmillan.co.in	e-mail: milbho@macmillan.co.in		
Jaipur:	Nagpur:		
B-48 Sankar Marg,	House No. 158, 1st Floor,		
Opp. Imliwala Phatak,	Near Kasturba Library,		
Lal Kothi Scheme,	Sadar Extension Area,		
Jaipur - 302 015	Nagpur - 440001		
Ph: (0141) 2741308,	Ph: (00712) 2531241		
e-mail: miljai@macmillan.co.in	e-mail: milnag@macmillan.co.in		
Mumbai:	Mumbai:		
Mercantile House, Magazine Street	207, Town Centre,		
Reay Rd. (East),	Next to Mittal House,		
Mumbai - 400 010	Andheri Kurla Road, Andheri East,		
Ph: (022) 23724401 / 23726017/	Mumbai - 400 059		
23741423	Ph: (022) 2852 6228-31		
e-mail: macray@bom3.vsnl.net.in	e-mail: macray@bom3.vsnl.net.in		
Pune:			
8 Shreenand Apartments,			
2030 Sadashiv Peth, Tilak Road,			
Pune - 411 030			
Ph: (020) 24329872/3			
e-mail:milpun@macmillan.co.in			

#### 4. SYLLABUS FOR EXAMINATION

#### Paper I-COMMODITY DERIVATIVES-THEORY

- 1. Introduction of Derivatives: Derivatives definition, types of derivatives, products, participants and functions, exchange traded vs. OTC derivatives.
- 2. Commodity Derivatives: How commodity derivatives differ from financial derivatives, warehousing, quantity of underlying assets, global commodities exchange, commodities exchange in India, commodities permitted for trading, Kabra committee report, commodity specific issues -croping and growth patterns, Global domestic demand -supply dynamics, price trends and factors that influence prices
- 3. Instrument available for trading: Types of instruments (futures and options), basics, payoffs
- Pricing commodity derivatives: Investment assets vs. consumption assets,
  The cost of carry model -pricing futures contracts on investment
  commodities, pricing futures contracts on consumption commodities, The
  futures basics
- 5. Concept of basis using Commodity derivatives markets -Hedging, Speculation, Arbitrage
- 6. Exchange membership, Rules, regulations, bye laws
- 7. Commodities to be traded: Types of commodities: Bullion (silver and Gold), Agricultural commodities –fundamental of particular commodity
- 8. Trading: basic concepts such as margins, circuit filters-delivery norms-contract specifications, trading system, and entities in the trading system, trader workstation, order types and conditions, exposure limits-.
- 9. Clearing, settlement and Risk Management: calendar and settlement schedule, position determination, settlement mechanism, daily mark to market settlement, settlement price-daily settlement price, final settlement price, Margining-Initial margin, Daily mark to Market margin, open interest limits, second line of defence, NSCCL span. Final Settlement: Cash settlement, physical settlement (warehousing) Exception handling: funds shortages, Delivery shortages
- Regulatory Framework: Forward market commission- Rules governing Commodity Derivatives Exchange, Rules Governing Intermediaries, Investor Grievances, Arbitration Rules.-Essential commodities Act- VAT-Forward Contract Regulation Act.
- 11. Accounting and Taxation Issue

#### **PAPER-II-Economic Theory**

- Micro and macro economics -Agricultural economics: Nature and scopeconsumer behaviour and theories -utility -indifference curve -revealed preference theory - elasticity of demand -theory of production and costs -theory of firm -profit maximization and duality -Dynamic demand and supply function.
- 2. Commodity Supply and Demand an understanding of the supply and demand factors underpinning agricultural, metals, and energy futures and option contracts (e.g. soybeans, corn, hogs, coffee and cattle, copper, Gold and aluminum, crude oil and heating oil).
- Business cycles and Interest rates -Effects of business cycles and fluctuations in interest rates on the behavior of commodity markets and their futures and options products. Examples of unique behavior with regard to products such as coffee and wheat will be discussed.
- 4. Market infrastructure Operational aspects of transaction settlement, delivery and fulfillment of commodity derivatives guarantees. The importance of the transaction cycle and the complexities of storing and delivering physical commodities will be examined. In addition, important legislation with reference to regulatory organizations I
- Market Structure -factor market -perfect competition -monopoly monopolistic competition -oligopoly -general equilibrium analysis -income distribution -social choice theory- Public goods -welfare economics.
- Agricultural marketing: concepts -market functions -structure -marketing efficiency regulated market, co-operative marketing -Warehousing and commodity boards -future markets.
- Agricultural input markets -Commission on agricultural costs and prices
  methods of agricultural price fixing -price support programs -agricultural
  supply and demand models -agricultural subsidies -time series analysis of
  agricultural prices -commodity G models -spatial equilibrium of agricultural
  market.
- 8. Optimisation of farm resource use -factor -factor, factor-product and product- product relationships -forms of production functions -production in dynamic setting policy impact on production -cost concepts -types of risk -estimation of risk management response to risk -risk programming.
- 9. Scope and gains from international Trade-Terms of trade comparative costs -trade policy -tariffs and quotas for agricultural commodities -effects of monopoly, cartels and price discrimination -state trading in agricultural commodities -case for free- multilateral Trade.

# Paper III-Commodity derivatives trading, Futures and Options strategies Futures Trading Strategies

Futures strategies. Various types of time spreads are analyzed -e.g. simple calendar spread, butterfly and condor. The student learns to price, execute, and risk manage future strategies. The risks and p/l behind each strategy are thoroughly investigated. An understanding of the concepts of cash and carry and reverse cash and carry (otherwise known as backwardation and contango) are a pre-requisite for this section of the course. Students are also given a refresher on intra-commodity futures spreads -e.g. crack spread, C crush spread.

#### **Volatility**

Discussion of option strategies, reviews on volatility. The aim is to provide students with the knowledge with which to analyze volatility and implement/change trading decisions based on their expectations of volatility. The importance of curve management is also stressed.

#### **Basic Options strategies**

Option strategies. Basic option strategies are analyzed: straddle, strangle, call/put bull/bear spread, and conversion/reversal. The students learn to price, execute, and risk manage these option strategies. The risks and p/l behind each strategy are thoroughly investigated.

#### Complex options strategies

More complex option strategies: box, time spread, put/call backspread, butterfly, ladder, and condor. The class aims to cement the students' understanding of the theoretical and numerical aspects of trading strategies. Armed with the previous weeks' numerical and theoretical knowledge, students are able to begin to use the tools required to execute and risk manage strategies based upon their trading/investment decisions

#### **Trading**

#### Electronic commodities markets

Reviews on electronically traded commodities markets, focusing on the more practical aspects of the business, including: exchanges, products, software vendors, clearing and delivery. Students are also made aware of the physical or underlying markets which may in some instances be traded electronically either through a principal to principal model or a central counter party. Introduced to OTC markets.

#### **Trading simulation**

Interact with the available electronic trading software and implement the theory and trading strategies These strategies will be implemented from a market maker's perspective on the Web Portal of the Institute.

#### **Trading day**

Aim to replicate a trading day on a commodity futures and options exchange on a simulated model in the Web portal. The session would utilize whatever fully integrated simulated/real time technology is available in the trading laboratory. Students will effectively trade in a simulated exchange environment using the skills taught throughout the course.

NOTES	Ø
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Onlooker Press: May 2008: 15,000

#### **COURSES OF HBF**

### A. Flagship Courses (Only for members\*)

Associate Examination

- JAIIB
- CAIIB

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

- Diploma in Treasury, Investment and Risk Management (DTIRM)
- Diploma in Banking Technology (DBT)
- Diploma in International Banking and Finance (DIBF)
- Advanced Diploma in Urban Co-operative Bank (ADUCB)
- Diploma in Commodity Derivates for Bankers (DCDB)
- Post Graduate Diploma in Financial Advising (PGDFA)
- Diploma in Home Loan Advising (DHLA)

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

• Certificate in Trade Finance (CTF)

- Certified Information System Banker (CeISB)
- Certificate in Anti-Money Laundering / Know Your Customer (AML/KYC)
- Certificate in Quantitative Methods for Banking & Finance (CQM)
- Certificate in Credit Cards for Bankers (CCCB)
- Certificate Examination in Banking Oriented Paper in Hindi (BOPH)
- Certificate Examination for DRA
- Certificate Examination in Basics of Banking for employees of IT Companies

#### D. Specialised Diploma Courses

• Diploma in Banking & Finance (DBF)

#### E. Management Courses

- Advanced Management Programme in collaboration with leading Management Institutions
- Project Management Course with IFMR. Chennai
- CAIIB linked MBA by 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 and 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.

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