Class 12 Business Studies

Chapter 10

FINANCIAL MARKET

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Financial market

It is a market for the creation and exchange of financial assets such as shares, debentures, bonds and government securities



It is a network of institutions which provide short, medium and long term funds

Financial market

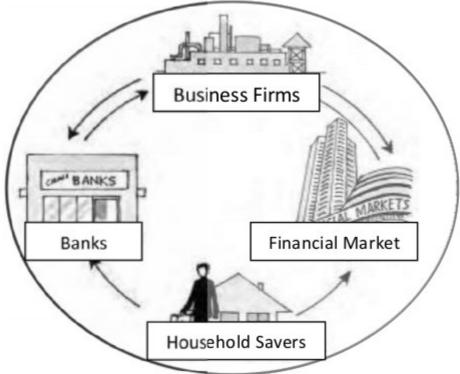
Financial markets make possible the transfer of money from the investors to the entrepreneurial borrowers



They bring together the lenders of funds and borrowers of funds

Allocation of Funds

Two alternatives through which allocation of funds can be done – banks and financial markets



Household savers can deposit their surplus funds with banks

Banks then lend these funds to business firms

Allocation of Funds

Household savers can also invest their savings in financial market directly by purchasing shares and debentures offered by business firms



Both banks and financial markets are competing financial intermediaries



1. Mobilize savings

It mobilizes savings and channelize them into most productive purposes



It offers the investors different investment avenues and helps to channelize surplus funds into productive use

2. Price discovery

Price of any product is determined by the forces of demand and supply



The interaction between investors and business firms facilitates the price determination for the financial assets, which is being traded in a particular market

3. Providing liquidity

Financial markets provide liquidity to financial assets as they can be converted into cash by selling them in the market very easily



4. Reducing cost of transaction

Financial markets provide a common platform where buyers and sellers meet and to trade their securities without much cost and time

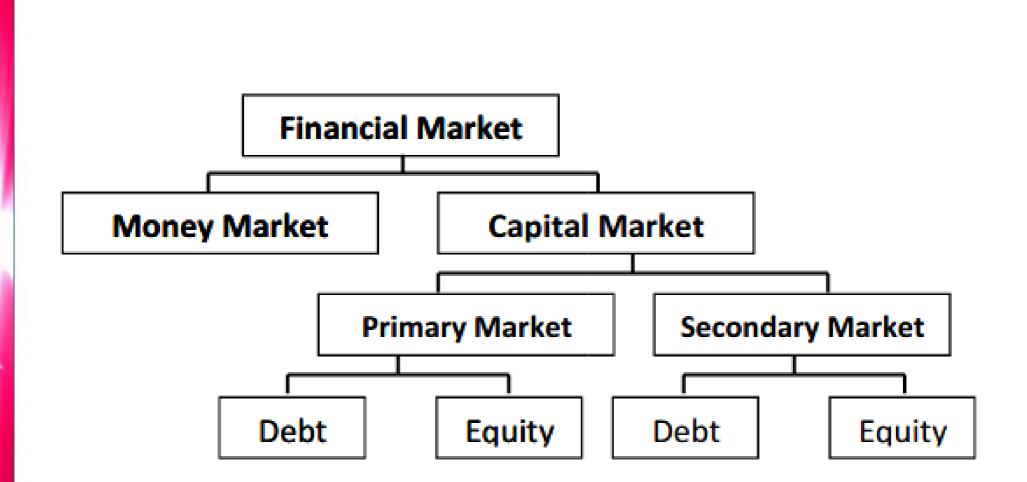


- **1. Mobilize savings**
- 2. Price discovery
- **3. Providing liquidity**



4. Reducing cost of transaction

Classification of financial markets



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Money Market

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Money Market

Money market is the market for short term funds Short term funds are meant for a period of up to one year



Money market is not usually located at a particular place

It is a term used to describe all organizations and institutions that deal in short term debt instruments.

Money Market

It makes possible the raising of short term funds for meeting the working capital needs and temporary deployment of excess funds to get returns



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1. Participants

RBI, Commercial banks, non-banking finance companies, State governments, large corporate houses and mutual funds



2. Instruments

Short term debt instruments are traded



3. Investment outlay

Huge sums of money is being transacted



4. Duration

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One day to one year



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5. Liquidity

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It enjoys high degree of liquidity



6. Safety

Short term duration ensures grater safety



7. Location

No physical location, activities conducted over telephone or internet



8. Returns

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Comparatively less returns



9. Unsecured

1.1

Instruments traded are unsecured



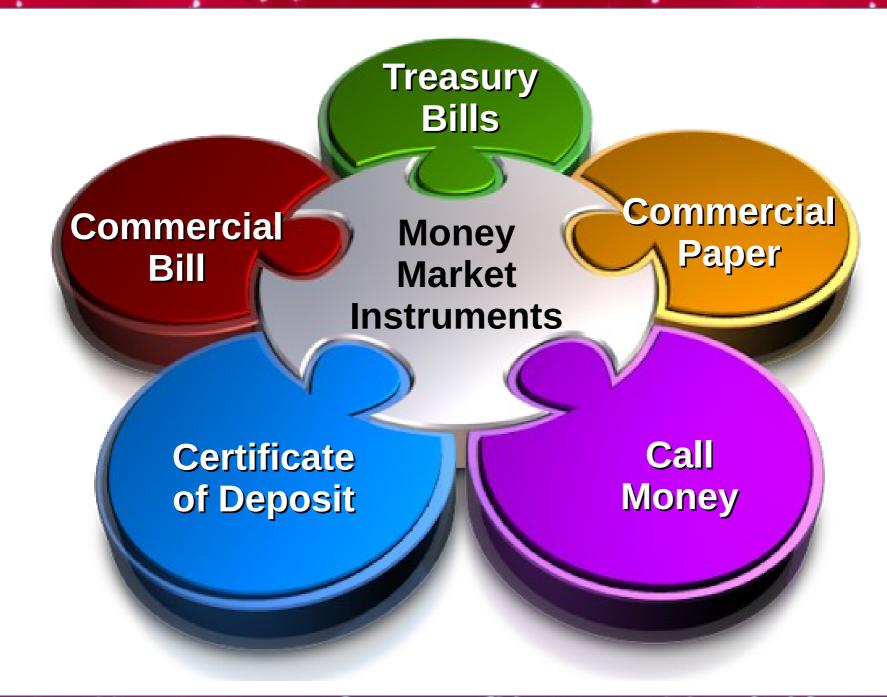
- **1. Participants**
- **2. Short term instruments**
- **3. Investment outlay**
- 4. Duration
- 5. Liquidity
- 6. Safety
- 7. Location
- 8. Returns
- 9. Unsecured





Money Market Instruments

Money Market Instruments



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Money Market Instruments

1. Treasury Bills (T-Bills / Zero Coupon Bonds)

These are issued by RBI on behalf of Central Government



Maturity less than one year It is an instrument for short term borrowings by Government of India

T-Bills

They are issued in the form of promissory notes and freely transferable as it comes under Negotiable Instrument Act



They are issued at a price which is lower than their face value and repaid at par, the difference between issue price and redemption value is called **discount**

It is available for a minimum amount of Rs. 25,000 and in the multiples thereof

Money Market Instruments

2. Commercial Paper (CP)

It is an unsecured promissory note issued to the public with a fixed maturity period ranging from 15 days to 1 year

EXAMPLE

Deepak Nitrite issues commercial paper of Rs 30 crore

Jul 17, 2015 at 15:10 | Source: Moneycontrol.com Deepak Nitrite has informed that the Commercial Paper of Rs 30 crore issued on April 17, 2015, has been repaid on July 16, 2015. Further, the Company has issued Commercial Paper (CP) for Rs 30 crore value dated July 17, 2015. This has been subscribed by SBI Fund Management Private Limited having maturity on October 15, 2015.

Since being unsecured, this is issued by highly reputed corporate entities

Issuing commercial paper in India as a money market instrument took place in 1989-90.

Commercial Paper

This serves as an important source of working capital and for bridge financing for raising long term funds from capital market



Commercial banks and mutual funds contribute towards this kind of instruments Eg: To meet flotation cost, brokerage, advertising, printing

share applications etc.

Money Market Instruments

3. Call Money

In this case day-to-day surplus funds of banks and other financial institutions are dealt with



The banks with surplus funds lend other banks that are facing deficiency

Call Money

Duration of call money is from one day to 15 days and is repayable on demand, either by the lender or by the buyer



Interest paid on call money is called Call rate

Money Market Instruments

4. Certificate of Deposit (CD)

It is an unsecured, negotiable, short term instrument in bearer form, issued by commercial banks and financial institutions to individuals, corporations and companies

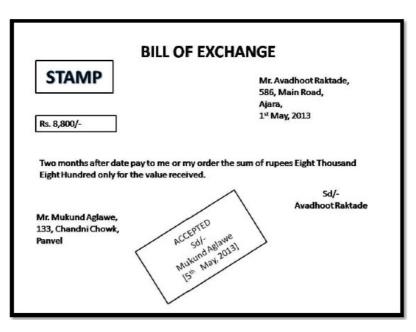
Maturity period 3 months to 12 months These are issued at a discount and redeemed at par



Money Market Instruments

5. Commercial Bills (Trade Bill)

This is a bill of exchange used to finance working capital requirements of a business



It is a short period, negotiable and self-liquidating instrument used to finance credit sales

Commercial Bill

		Kalpetta	
Stamp		01-01-2014	
Rs.10,000/-			
Two months after date pay to me or my order the sum of Rupees Ten thousand only, for value			
received.			
То	Accepted		
Mr. K. Krishnan	Sd/-		
General Merchants,	K. Krishnan	Sd/-	
Kalpetta	General Merchants, Kalpetta	S. David	

Commercial Bill

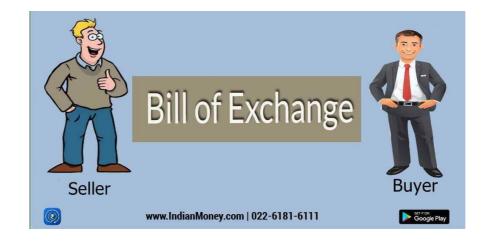
On credit sales, the seller (drawer) draws the bill and the buyer (drawee) accepts it, by putting his signature on it



On acceptance, the bill becomes a marketable instrument and is called a **trade bill**

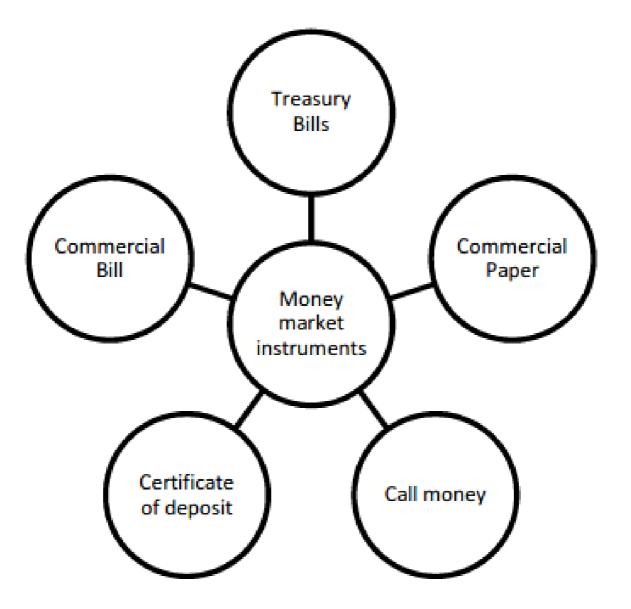
Commercial Bill

This bill can be discounted with a bank if the seller requires funds before maturity



When a trade bill is accepted (discounting of bills) by a commercial bank, it is known as commercial bill

Money Market Instruments



Capital Market

Ajith Kanthi Wayanad www.hssplustwo.blogspot.co Capital market is an institutional arrangement by which savings are channelized into investment avenues



It enables the borrowers to raise funds for their purpose Similarly, it gives opportunities to the lenders to wisely invest their funds The borrowers raise required funds through issue of securities like shares, debentures, bonds etc.



A security means a certificate of title evidencing investment made in the capital or debt of any entity

Features of Capital Market

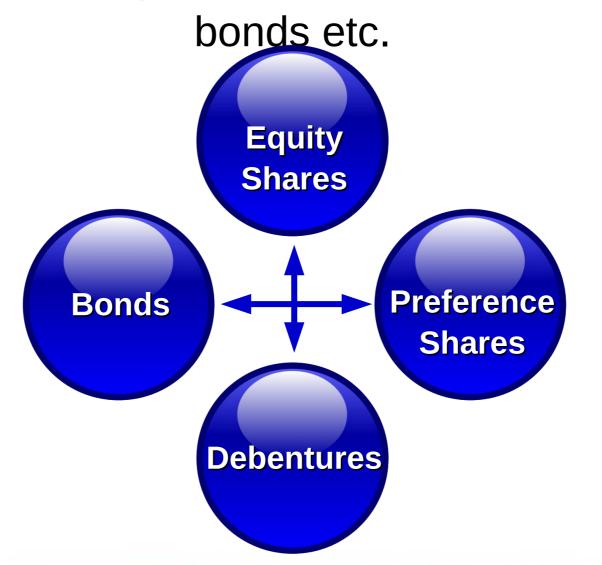
1. Participants

Financial institutions, banks, corporate entities, foreign investors and individual investors.



2. Instruments

Equity shares, preference shares, debentures,



3. Small Investment outlay

The value of one unit is Rs.10, Rs. 100 etc. and they are traded in lot of 1, 5, 50, 100 etc.



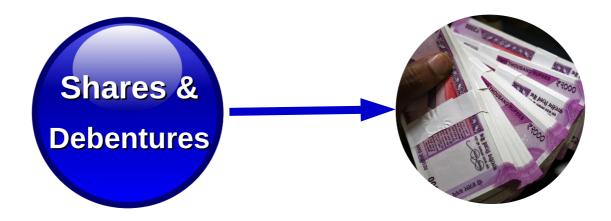
4. Duration

Medium and long term



5. Liquidity

High liquidity as they are marketable in stock exchanges



6. High risk

There no is much safety of investment and returns



7. Expected Return

Normally the return on investment is higher than the money market



Features of Capital Market

- **1. Participants**
- 2. Instruments
- **3. Small Investment outlay**
- 4. Duration
- 5. Liquidity
- 6. High risk
- 7. Expected Return



Distinction between Money market And Capital market



1. Term

Money Market

It is a market for short term instruments having a maturity period of less than one year Capital <u>Market</u>

It is for medium and long term instruments having maturity period of more than one year

2. Purpose

Money Market

Capital Market

It helps to meet the working capital needs

It helps in meeting fixed capital needs

3. Instruments

Money Market

The instruments in money market are Bill of exchange, treasury bills, certificate of deposits, commercial papers etc.

Capital Market

The instruments are equity shares, preference shares, debentures, bonds etc.

4. Nature

Money Market

It is a wholesale market where the instruments have large face value Capital <u>Market</u>

It is a retail market where the instruments have small face value

5. Participants

Money Market

The central bank, commercial banks and other financial institutions take part in the market Capital Market

Stock exchanges, Merchant banks, Issue houses and many financial intermediaries take part in the market

6. Support of Secondarv Market

Money Market Capital Market

Money market instruments do not have an active secondary market Capital market instruments have both primary and secondary markets

7. Medium

Money Market Capital <u>Market</u>

Money market transactions normally take place over telephone and other ways

Capital market transactions normally take place at stock exchanges

8. Regulations

Money Market

The market regulator is the central bank of the country In India it is RBI Capital <u>Market</u>

There is a separate regulator in the capital market

In India it is SEBI

SI No.	Money Market	Capital Market
1	Short term instruments	Medium & Long term
2	Working capital needs	Fixed capital needs
3	Bill of exchange, T-Bills etc.	Shares, debentures etc.
4	Wholesale market	Retail market
5	Banks and financial institutions are the participants	Stock exchange, Merchant banks etc.
6	No support of secondary market	Both primary and secondary market
7	Take place over telephone etc.	Take place at Stock Exchanges
8	Controlled by RBI	Controlled by SEBI

Capital Market

Primary Market

Secondary Market

Primary Market

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Primary Market

This is the market which deals in new securities issued by new companies or existing companies

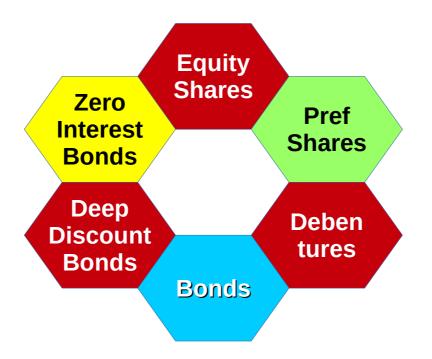
It is also called New Issue Market (NIM)



If it is issued by new companies it is called Initial Public Offerings (**IPO**s) and if it is issued by existing companies it is called Seasoned Equity Offerings (**SEO**s)

Primary Market

The securities offered are equity shares, preference shares, debentures, bonds, innovative types of securities like deep discount bonds, zero interest bonds etc.



Methods of flotation of new issue

Methods of flotation of new issue

1. Offer through prospectus

It is the most common form of raising capital from the primary market



Prospectus is an invitation for subscription or purchase of shares or debentures of a company

Methods of flotation of new issue

2. Offer for sale

This is an indirect method of public issue Securities are offered to an issue house or other intermediaries like brokers through a "letter of offer" at a negotiated price



They, in turn, will sell them to the public generally at a higher price, by means of advertisement of their own

3. Private placement

It means the direct sale by a company of its securities to a limited number of specified investors directly or through brokers



There is no risk of uncertainty in raising capital and it is a cost effective method of raising finance as compared to public issue

Methods of flotation of new issue

4. Rights issue

Raising additional capital from existing shareholders by offering equity shares or debentures on pro-rata basis



When the issue price is less than market price, the rights have a market value

Methods of flotation of new issue

5. e-IPOs

In case a company wishes to issue capital to the public through on-line system should enter into an agreement with the stock exchange



This method of new issue is called e-IPOs



Secondary Market (Stock Exchange)

Secondary Market

It is the market for the purchase and sale of second hand or listed securities



Shares, debentures, bonds etc. which have already been issued by companies or government are traded in this market

Secondary Market

It consists of buyers and sellers of securities and brokers as intermediaries



The investors can buy and sell securities only through brokers Secondary markets are also known as stock exchanges

Comparison between Primary market and Secondary market

Primary Market

1

Secondary Market

It deals with new securities

It deals with existing securities

2

Primary Market

Secondary Market

Securities are sold only once

It provides regular and continuous market

3

Primary Market

Secondary Market

It links the issuing company and investors Transactions are made between investors

4

Primary Market

Secondary Market

Investors can only purchase securities

Investors can purchase and sell securities

5

Primary Market

Secondary Market

It provides capital to the companies

Issuing company has no direct role

6

Primary Market

Secondary Market

It does not have any physical existence

It has physical existence

Primary Market

Secondary Market

Prices of securities are determined by the company Price is based on demand and supply of securities

8

Primary Market

Secondary Market

Securities can be sold without listing

Only listed securities can be traded

SI. No	Primary	Secondary
1	New securities	Existing securities
2	Sold only once	Continuous market
3	Links the company and investors	Between investors
4	Purchase of securities only	Purchase and sale of securities
5	Provides capital to company	Company has no direct roll
6	No physical existence	It has physical existence
7	Prices determined by Company	It is based on demand and supply
8	Sold without listing	Only listed securities are sold



Stock exchange is an organized market where second hand securities are bought and sold



Trading in securities takes place inside the stock exchange at a place known as the trading ring



Only the members (brokers) are authorized to trade here

In the traditional method of trading on the ring, trading actually resembles an auction



Brokers of intending sellers and buyers will shout quoting their prices When the prices coincide, a deal will be struck

Online trading in securities is facilitated through a computer network wherein one can buy or sell securities just by sitting in front of the broker's computer



Computer matches the buyer's quotation and a deal is struck

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1. Liquidity and marketability to investment

Secondary market provides a continuous market to the listed securities, so that investors enjoy liquidity to their investment



They could sell securities with them and buy another

2. Pricing of securities

A security is issued in the market at a price known as the issue price

Over a period of time, it reaches its true level through the interaction of the forces of demand and supply in stock exchange



3. Safety of transactions

The rules and regulations ensures safety and fair dealings to investors



4. Contributes to economic growth

Stock exchanges contribute to economic growth of the nation through capital formation



5. Spreading of equity cult (trend)

Stock exchanges can take effective measures in educating public about investments



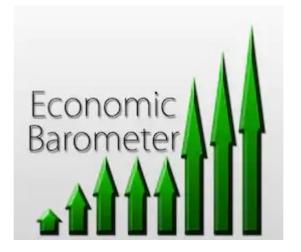
6. Providing scope for speculation

A reasonable degree of healthy speculation is needed to ensure liquidity and price continuity in securities



7. Economic barometer

Business conditions like booms and depressions, important events (both national and international) etc. will affect the stock prices



In this sense we can say that the stock exchange is an economic barometer (<u>indicator</u>)

- **1. Liquidity and marketability to investment**
- **2. Pricing of securities**
- **3. Safety of transactions**
- **4. Contributes to economic growth**
- **5. Spreading of equity cult (trend)**
- 6. Providing scope for speculation
- **7. Economic barometer**



Trading and Settlement Procedure



Trading & Settlement Procedure

Online trading – Trading in securities is now carried out through online, screen based electronic trading system



Buying and selling of securities are effected through computer terminal

Trading & Settlement Procedure

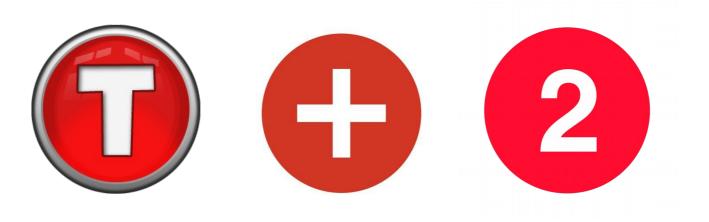
Shares can be held either in physical form or in electronic form



In physical form, a <u>share certificate</u> is issued and it is a proof of ownership of securities The electronic form is called the de-materialized form

Trading & Settlement Procedure

When the securities are bought or sold, it must be settled within 2 days of the trade



At present **T+2** pattern is followed, which means settlement is made within 2 days from the date of transaction

This system of settlement is called rolling settlement

Steps in Trading and Settlement Procedure

(Purchase and Sale of securities)



Steps in Trading and Settlement Procedure

- 1. Selection of a broker.
- 2. Open a Demat account with the Depository Participant.
- 3. Placing order for purchase or sale of securities with the broker.
- 4. Execution of order through computer terminal.



Steps in Trading and Settlement Procedure

5. Delivery of contract note to the investor, which contains details regarding name of security, number of securities bought or sold, rate at which the deal was made, brokerage etc.

6. Effecting changes in the Demat account.

7. Making/receiving payment of money.



Advantages of online trading.

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Advantages of online trading

1. Transparency

It allows the participants to view the prices of all securities on a real time basis

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Advantages of online trading 2. Efficient information

Computer screen displays the capital market developments that influence the share prices instantly



Advantages of online trading 3. Efficient operations

It reduces time, cost and effort



Advantages of online trading 4. Wide coverage

People from all over the world can participate in buying and selling of securities by sitting in front of a computer



Advantages of online trading 5. Single platform

All trading centres spread across the world is brought into a single online platform



Advantages of Online Trading

- **1. Transparency**
- **2. Efficient information**
- **3. Efficient operations**
- 4. Wide coverage
- **5. Single platform**



A depository is an organization where the securities of shareholders are held in electronic form at the request of the shareholders through the medium of depository participant



In the depository system, securities are held in depository account, which is just like holding money in a bank account It is an electronic record of share ownership

The depository system leads the capital market towards scrip less trading through de-materialization of securities



De-materialization is a process by which physical share certificates are converted into electronic form and credited in the investors account.

To trade in de-materialized form, a **Demat** account is to be opened



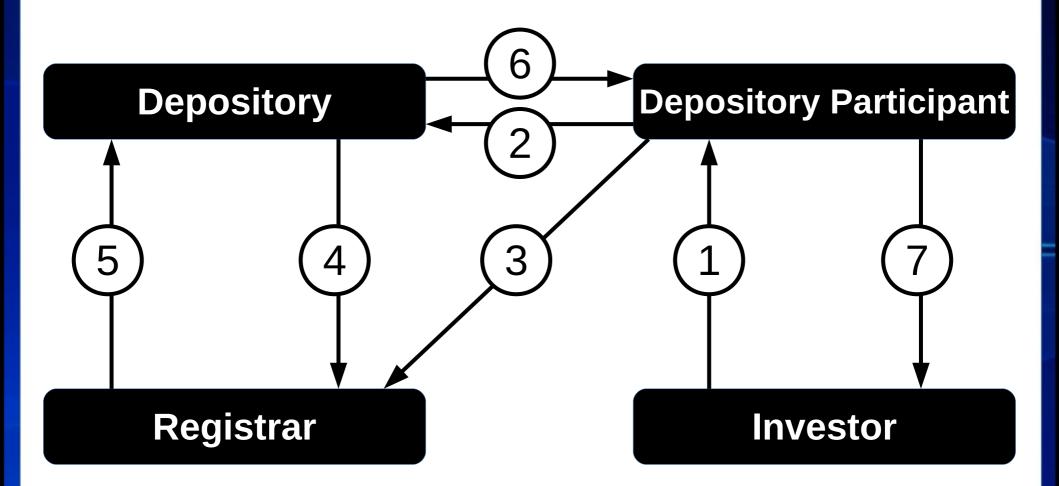
The organization that offers this facility is called Depository Participant (DP)

In India, two depositories are operating in the market, namely, National Securities Depository Limited (NSDL) and Central Depository Services Limited (CDSL).



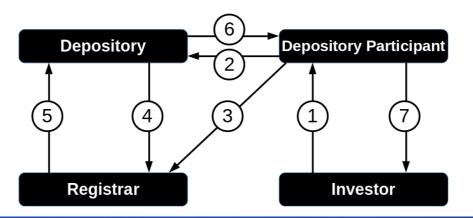
Many share brokers firms and commercial banks act as depository participants

De-materialization Process

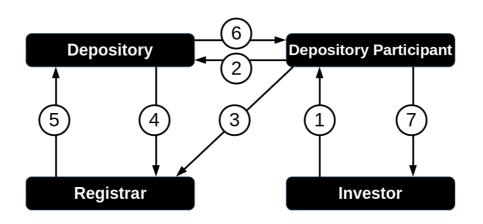


De-materialization Process

- 1. Investors surrender certificates to DP for dematerialization.
- 2. DP informs the depository through electronic media.
- 3. DP sends original certificate to the Registrar for verification and cancellation.
- 4. Depository sends formal request for dematerialization to the Registrar.



- 5. Registrar informs depository of cancellation of certificates and electronic credit given to the customer.
- 6. Depository updates its account and informs the DP concerned.
- 7. DP informs the customer about the credit in his account.



National Stock

Exchange



<u>National Stock Exchange (NSE)</u>

Established in 1992 at Mumbai – set up by LIC, GIC, Commercial banks and other financial institutions with a paid up capital of Rs.25 crores.



Mumbai

Features and Objectives of NSE

1. Nationwide coverage

Satellite linked trading facility More than 6000 trading terminals in 370 cities



Features and Objectives of NSE

2. On-line Trading (Electronic Trading system)

It has adopted a computer based trading system Main computer at NSE is linked with the computers of trader members through satellite link



<u>Features and Objectives of NSE</u>

3. Transparency in dealing

Screen based trading ensures complete transparency



Investors can verify the rate at which transactions took place

Features and Objectives of NSE

4. Matching of orders

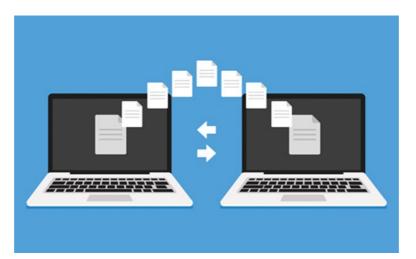
The computer itself matches the buy and sell orders of securities



<u>Features and Objectives of NSE</u>

5. Trading in dematerialized form

Trading is carried on dematerialized form and settlement of transactions are made on rolling settlement basis (T+2)



Features and Objectives of NSE 1. Nationwide coverage

2. On-line Trading

3. Transparency in dealing

4. Matching of orders



5. Trading in dematerialized form

Segments of NSE

Wholesale Debt Market

Capital Market Segment

<u>Wholesale Debt Market</u>

1) Debt instruments like government securities, treasury bills, PSU bonds, CPs and CDs are traded.

2) Transactions are wholesale in nature.

3) It involves high value.

4) Individual brokers are not permitted.



Capital Market Segment

1) Retail market.

2) Shares and debentures of companies are traded.

3) Listing is provided to companies having minimum paid up capital of Rs.10 crores.

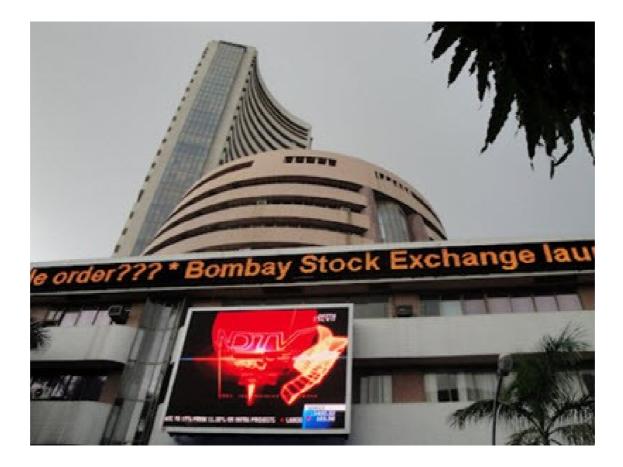
4) About 700 securities are listed.



Bombay Stock Exchange (BSE)

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Bombay Stock Exchange



Mumbai

Bombay Stock Exchange (BSE)

- Established in the year 1875
- Voluntary non-profit association
- Oldest in Asia



- First one recognized by government
- Only one that has been granted permanent registration

Bombay Stock Exchange (BSE)

- Premier stock exchange
- Trendsetter in stock market trading
- Companies having at least Rs.10 crores are eligible to be listed in **BSE**
- About 6000 scrips listed



 Securities are classified into many groups like group A, B, T and Z

Bombay Stock Exchange (BSE)

- "Group A" contains securities having good track record and large volume of business
- Traditionally trading was carried on outcry system
- In 1995 it introduced a screen based trading called BOLT (BSE On-Line Trading)
- At present BOLT has a nationwide network



SEBI



Mumbai

SEBI

 It is the regulatory and developmental agency of Indian Capital Market

 Established in 1988 based on the recommendations of G S Patel Committee

 It was made a statutory body under Securities and Exchange Board of India Act 1992



Reasons for establishment of S E B I

During 1980's the capital market witnessed a tremendous growth due to increase in investor population

This hike in market capitalization led to various malpractices by companies, brokers, merchant bankers, investment consultants, etc.



Reasons for establishment of S E B I

All these made huge losses to the ordinary investors and they have lost their confidence in this segment

This made Government of India to constitute a regulatory body known as SEBI.



Common Malpractices in stock market

- a. Self-styled merchant bankers
- b. Unofficial private placement



- c. Price rigging (artificially inflating prices of certain shares by a group)
- d. Unofficial premium on new issue
- e. Non-adherence of provision to Companies Act
- f. Violation of rules and regulations of stock exchanges and listing formalities

SEBI was constituted by the Govt. of India with a view to create a favorable environment for efficient mobilization and allocation of resources through securities market



SEBI was constituted for the purpose of fulfilling the needs of three groups:

1.Issuers – SEBI ensures a market place where the companies can confidently raise finance in easy, fair and efficient manner.



SEBI was constituted for the purpose of fulfilling the needs of three groups:

2. Investors – Provides protection of their rights and interest by providing authentic information



SEBI was constituted for the purpose of fulfilling the needs of three groups:

3. Intermediaries – Offers a competitive professional market by equipping intermediaries to render better services to the investors and issuers





1. Regulatory functions

To regulate the securities market and ensure fair practices



2. Protection of rights

To protect the interest of investors and thereby attract a steady flow of savings into capital market



3. Prevention of malpractices

To prevent trading malpractices



4. Develop a code of conduct

To promote efficient services by brokers, merchant bankers etc. so as to make them competitive and professional

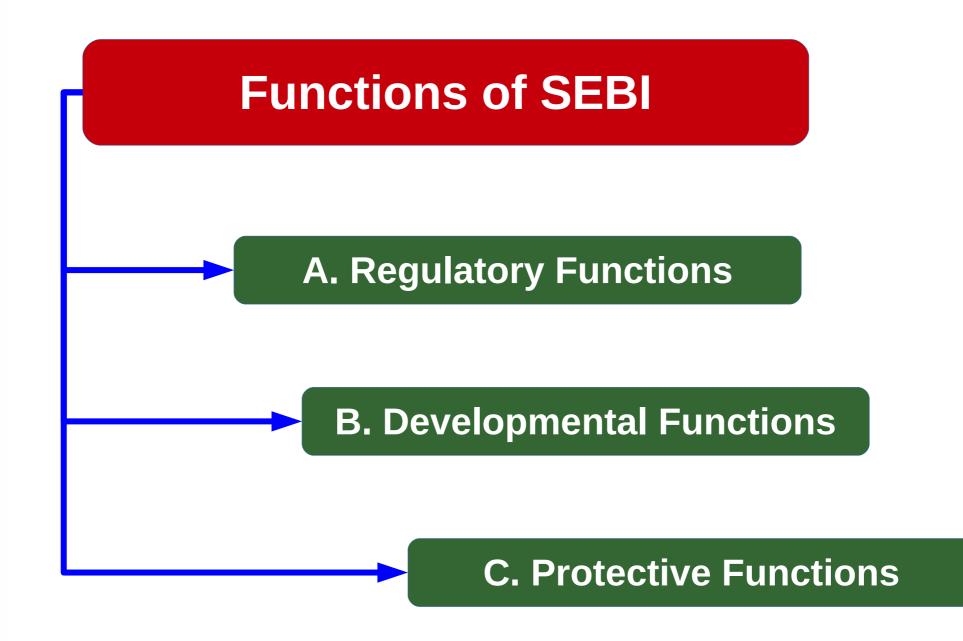


- **1. Regulatory functions**
- **2. Protection of rights**
- **3. Prevention of malpractices**
- 4. Develop a code of conduct



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Functions of





1. Registration of brokers and sub brokers in the market



2. Registration of investment schemes and Mutual Funds



3. Regulates the functioning of share brokers, underwriters etc.



4. Regulation of takeover bids by companies



5. Conducting enquiries and audits of stock exchanges



6. Levying fee or other charges as specified by the Act



Developmental

SEBI

Functions of

Developmental Functions of SEBI

1. Promoting investor education and training of intermediaries



Developmental Functions of SEBI

2. Conduct of research and publication of useful information



Developmental Functions of SEBI

3. Undertaking measures to develop the capital market





1. Prohibition of fraudulent and unfair trade practices like misleading statements, manipulations, price rigging etc.



2. Controlling insider trading in securities to protect the interest of individual investors



Insider means the top officials of the company, who can make bulk purchase or sale for making huge profit on the basis of vital information such as declaration of dividend on a future date etc.

3. Undertaking steps for investor protection



4. Promotion of fair practices and code of conduct in securities market



Stock Market Indices

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Stock Market Indices

Stock market index is a device, which reflects the relative change in prices of securities in a stock exchange



The general trend of the market can be measured by studying stock market index.

Eg: BSE Sensex (Sensitive Index), BSE 100, S&P CNX Nifty, S&P CNX500, CRISIL 500 etc.

Stock Market Indices

BSE Sensex is calculated on weighted average basis of 30 shares, and Nifty applied in NSE is based on 50 shares.



Sensex – Sensitive Index Nifty – The National Stock Exchange Fifty

Prepared by:

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