

India (Set up by an act of Parliament)

The Chartered Accountant SILULE SILU

Your monthly guide to CA news, information and events





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SWACHH BHARAT - A STEP TOWARDS CLEANLINESS



Dear Students,

Chidiya'.

s India celebrated its 75th year of Independence on 15th August with great enthusiasm, it showcased as many years of a progressive India and the glorious history of its people, culture and achievements through various programmes and events. The 'Har Ghar Tiranga' campaign, which encouraged people to bring the Tricolour home and hoist it to mark 75 year of India's Independence, presented a beautiful spectacle of our National Flag flying at the rooftops of homes, offices, shops, vehicles, streets, etc., and above all rekindling the Azadi fervour in every Indian's heart. The ICAI too actively participated in Azadi ka Amrit Mahotsav to mark India's 75 years of Independence and besides other activities also launched campaign for creating awareness amongst the people of India on Finance & Tax Literacy to make our country 'Sone Ki

Teacher's Day Greetings

I convey my warmest wishes to Members, Principals and Students on the occasion of Teacher's Day on 5th September. The day is celebrated as such since it is the birth anniversary of a great teacher, Dr. Sarvepalli Radhakrishnan, also the first Vice-President of India who subsequently went on to become the President of the Country. On this day, we must show deep gratitude to our teachers who play a crucial role in shaping and nurturing our academic and professional lives. They act as gurus, mentors and guide to achieve our life's goals. What we become in life depends on the education and guidance given by our teachers. Therefore, on this day, you should take blessings of your Principals and Mentors for your academic and overall success.

"I have always felt that the true text-book for the pupil is his teacher."— Mahatma Gandhi

Results for Foundation Exam Declared

Many congratulations to the aspiring CA students for clearing the Foundation exam held in June and taking the first important step towards becoming a part of the CA student fraternity. I assure that you have very rightly chosen a career that is highly regarded in India and worldwide. As a qualified Chartered Accountant, the opportunities in the glorious profession are limitless, as the knowledge a Chartered Accountant possesses can take him/her to the highest levels of an organisational set up or in practice or in entrepreneurship without mentioning the highly rewarding monetary gains that comes with it.

To guide you in your academic journey, the Board of Studies provides high-quality textbooks and learning material apart from conducting live coaching classes, the knowledge portal, the mobile app, etc. You must visit the BoS Knowledge Portal, which is single platform for accessing study material, course and paper wise live and recorded lectures, syllabus, announcements, revision test papers, mock test papers, etc.

"Climbing to the top demands strength, whether it is to the top of Mount Everest or to the top of your career." — A. P. J. Abdul Kalam

Extensive Deliberations on Proposed Scheme of Education & Training

PRESIDENT'S COMMUNICATION

As informed in the last month's edition, the Board of Studies has received thousands of suggestions from various stakeholders on the proposed scheme. Taking into consideration all the recommendations, the proposed scheme, as finalised and approved by the Council, would be sent to the Ministry of Corporate Affairs, along with corresponding amendments in regulations, for final approval.

Let me assure you that the proposed scheme would provide an upgraded and globally competitive syllabus to the student fraternity. It will certainly usher in a new dawn in CA learning with holistic knowledge and mould our students into global chartered accountants.

Campus Placement programme extended to more cities with growing demand of CAs

It is a moment of significance that a record number of 173 companies participated in the 55th edition of the Campus Placement programme, which saw 7,312 newly qualified chartered accountants, out of the 10,197 registered candidates, getting lucrative job offers. The programme, held virtually at 9 major and 12 smaller centres across India, was a huge success.

In view of the growing demand of CAs, the Institute has decided to add 6 additional centres viz. Bhopal, Lucknow, Patna, Raipur, Ranchi and Vadodara, to the 56th edition of Campus Placement programme, thus taking the number of centres to 9 major and 18 smaller centres. The four existing centres viz. Ahmedabad, Hyderabad, Jaipur and Pune are being elevated as premier major centres day centres, whereas the minimum threshold limit of CTC offered to candidates is being increased at all existing centres.

MoU with SED, Mizoram

An MoU has been signed by the ICAI with School Education Department, Mizoram, Government of Mizoram for a tenure of 5 years for promoting commerce education and providing career guidance alongwith promoting CA Course amongst Government and Government aided Secondary and Higher/ Senior Secondary school students in Mizoram. School Education Department, Mizoram welcomed the initiatives taken by the ICAI for the students of Mizoram and assured full support to the ICAI for fulfilling the objective of MoU. The Chief Guest of the programme was Dr. Lalzirmawia Chhangte, IAS, Secretary, School Education, Mizoram. The ICAI has always been very receptive towards the requirements of the students of the North-Eastern States. As a corollary, a concession of 75% in registration course fee for all levels of CA Courses for the candidates/ students from North-Eastern States is already permissible. This MoU with Mizoram State Education Department by the Committee on Career Counselling of the ICAI is a step forward in this direction for bringing out the true potential of students belonging to Mizoram.

Knowledge Enrichment through Conferences/ Trainings

As part of its efforts to continuously enrich your learning as well as upgrade your skill sets, the Students Skills Enrichment Board (SSEB) has been organising national conferences, residential programmes and practical trainings at regular intervals. You must participate in such programmes to hone your knowledge and communication skills.

In the words of Colin Powell, "A dream doesn't become reality through magic; it takes sweat, determination, and hard work." Wish you all the best for your future endeavours!

Yours sincerely,

Debashis filtra

CA. (Dr.) DEBASHIS MITRA PRESIDENT, ICAI

VICE PRESIDENT'S COMMUNICATION



My Dear Students,

"Teachers are the backbone of any country, the pillar upon which all the aspirations are converted into realities" - Dr. A PJ Abdul Kalam Azad

eachers Day which is celebrated on 5th September every year is one such significant occasion which reminds us of the exceptional contribution that our teachers and mentors make towards transforming our lives. They not only help us identify our true capabilities, our potential, our interests and inclinations but also provide us the correct guidance and the moral support that we need many a times while pursuing difficult targets. They refine our thought process and drive us towards victory.

I would like to extend my Salutations and Warm greetings to all the teachers and Mentors on this occasion who are shaping the future of our country. Our great nation, in past, also had the privilege to have great visionaries as great teachers.

As far as the profession of Chartered Accountancy is concerned, the period of Articleship Training is truly a learning period where we learn through practical assignments under the guidance of our Principal. The Principal plays a significant role in transforming the young articles to core professionals and apprises them about the hard work that needs to be invested for the completion of tasks and the expectations of stakeholders and society that we need to ultimately achieve.

BoS: A Consistent Contributor towards Effective Learning of our Students

We had informed you last month that the proposed scheme of education and training would be taken forward after duly considering feedback of all stakeholders, who had participated overwhelmingly during this process.

Accordingly, the feedback of stakeholders in each and every section of the questionnaire, which was webhosted for public comments, was discussed extensively at the meeting of the Board of Studies. The suggestions received from stakeholders were deliberated at length, after which the Board has given its recommendations to the Council for consideration. After considering these recommendations, the new scheme of education and training, as finalised and approved by the Council, would be submitted to the Ministry of Corporate Affairs, along with the corresponding amendments in regulations, for final approval.

We are sure that the resultant outcome, would develop global chartered accountants with holistic technical knowledge, professional skills, values, ethics and attitude.

BoS: Your Resource Guru

BoS of ICAI is extremely mindful of your learning needs. We at ICAI work tirelessly towards students' welfare and well-

being, bringing continuous initiatives to meet your learning requirements.

I would also like to advise the students who are preparing for the next examinations to be consistent, sincere and dedicated in your studies and not loose focus. The exhaustive study material provided by BOS shall be a support for the same.

Free Live Coaching Classes - Foundation

To bridge the learning gap and supplement the preparation for examinations of the students, the Board of Studies conducts Live Coaching Classes (LCC) free of cost. The live Coaching classes of ICAI are available on the BoS Knowledge Portal and ICAI BoS Mobile App as well.

The Board of Studies has commenced the 5th Batch of Live Coaching Classes from 7th July 2022 for Foundation course students appearing in November/December 2022 exam with full coverage of syllabus.

The results of the Foundation Examination have been declared recently. I congratulate those who have been successful in the same and welcome you to join the journey towards much coveted qualification.

I am personally aware of many students who passed this exam solely by pursuing these free virtual coaching classes.

ICAI BOS Mobile App – The Facilitator for the Next Generation Interactive Learning

Recognising the significance of technology towards providing interactive learning, the "ICAI BOS" Mobile app launched by the Board of Studies now operates with the latest versions of android and i-OS.

Through this app, members and the students can easily access study material of all levels, reference guide on any topic for all subjects, recorded lectures as well as important announcements. Till date, more than 2.40 lakhs students have installed the ICAI BOS Mobile APP and getting benefited from learning resources.

Fast Track Sessions for Students appearing in Inter/Final Nov'22 Exam

Board of Studies has always taken exemplary initiatives to augment your knowledge and strengthen your concepts. One such initiative is Fast Track Sessions for the benefit of students appearing in Intermediate and Final November 2022 exams. These classes will cover salient concepts of various topics in every paper and help the students to recapitulate the subjects with the help of case scenario-based questions. The classes can be viewed any time anywhere and at any platform i.e. desktops, laptops, smart phones or I-pads, facilitating complete mobility in learning. You can access complete details at the https://boslive.icai.org/index.php for assistance/queries, mail at bosmobileapp@icai.in.

These classes would offer better conceptual clarity to the students and enhance their problem-solving skills. In this process, the preparation level of the students would go up significantly and their performance in the examinations will improve.

Stay Curious, Keep Learning, Keep Growing and Explore Horizons.

Yours sincerely

CA. ANIKET SUNIL TALATI VICE PRESIDENT, ICAI

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CHAIRMAN'S COMMUNICATION



My Dear Students,

n the occasion of Teachers' Day on 5th September, I, along with Vice-Chairman CA. Vishal Doshi, extend our heartfelt wishes to the entire Members' fraternity, Principals, as well as the BoS Faculty for being a relentless teacher, mentor and guide in your journey of becoming a qualified Chartered Accountant. As we celebrate the day in honour of a great teacher, Dr. Sarvepalli Radhakrishnan, the second President of India, we must not forget the crucial role of a teacher in a student's life. Teachers are builders of a better tomorrow as they shape the students' future and help them achieve greater things in life. They evaluate the strengths and weaknesses of their students and guide them to follow the best practices. Teachers not only bring out the best from the students but also teach them valuable life skills. Under their guidance, students learn to differentiate between right and wrong. It is therefore rightly said that after parents, teachers are the biggest well-wishers in any student's life!

My advice to you all is to always listen to your teachers' valuable suggestions and apply them in your lives. It will change you for the better. On this day, you must express your deepest gratitude to your Principals and Mentors by being sincere and responsible in your conduct.

BoS For Your Success

The Board of Studies (BoS) is organising a Webinar 'BoS For Your Success' on 1st September 2022 for the Intermediate and Final level students appearing in November 2022 examinations, where the President, Vice-President, ICAI, myself and Vice-Chairman will be deliberating on your exam preparation. The highlight of the webinar is to guide you in reviewing and assessing your study plan, recapitulating your learning for exam preparation, overcoming the commonly occurring errors, and manage examtime stress to improve your overall performance in the upcoming exams.

To commemorate the occasion of Teachers' Day, the Board is also conducting subject-specific sessions starting 5th September for the benefit of Intermediate and Final level students appearing in the forthcoming examinations. These sessions, to be conducted by BoS faculty, will cover salient topics in each paper and help you to revise the subjects in a comprehensive manner. These sessions shall equip you with better conceptual clarity and improve your overall problem-solving skills.

Proposed Scheme of Education and Training to Develop Global CAs

As informed earlier, the suggestions received from various stakeholders on the Proposed Scheme of Education and Training

were deliberated extensively in the Board meeting. I am confident and quite optimistic that with the active participation of our stakeholders and deliberations by the Board and subsequent Council meetings, the proposed scheme of education is sure to develop global-ready Chartered Accountants who will be well-equipped with professional skill sets and ethical values to perform par excellence in any field and anywhere.

Result Declaration of May 2022 Foundation Examination

I sincerely congratulate all the candidates who succeeded in their Foundation examination to become a part of our Institute's students' fraternity. I welcome all new entrants into this prestigious course and wish you a seamless and successful journey ahead and finally become proud members of our Institute. While going through the course and preparing for your exams, I recommend you to frequently access the **BoS Knowledge Portal** and read the monthly Students' Journal to keep yourself abreast with all the latest publications and other initiatives taken for students from time-to-time.

Revision Test Papers (RTPs) to Assess Exam Preparedness

The RTPs of all the subjects for each level of the Chartered Accountancy course - Foundation, Intermediate and Final — are available to the students on the BoS Knowledge Portal and CDS portal. You can refer to these publications for the purpose of revision and to assess your preparedness for the forthcoming examinations.

Mock Tests to Make Exam Ready

BoS has been organising Mock Test Paper series in physical as well as virtual mode for its students before each examination. These Mock Tests are trial exams conducted at Regional Councils and Branches for the students to help them assess their level of exam preparedness. BoS will be coming up with the Mock Test papers for its Intermediate and Final level students appearing in November 2022 examination shortly.

Live Coaching Classes for Interactive learning

The 5th batch of Live Coaching Classes (LCC) for Foundation level students appearing in December 2022 examination has already commenced from 7th July 2022. The 5th & 6th batches of LCC for Final and Intermediate students respectively for May 2023 examination will commence soon. These classes provide immense support to the learning requirements of students as it helps to comprehend the entire course content thoroughly. To attend these classes, you must download the ICAI Mobile App either from Google Play Store for Android smartphones or Apple Play store for iphones. Alternatively, you may register yourself on BoS Knowledge Portal to have access to these classes.

I assure you that BoS is working relentlessly for its students and therefore you are advised to use the above-mentioned publications and initiatives to your benefit which are definite tools for your success.

"Work hard in silence, let your success be the noise" – Frank Ocean

All the best for your future endeavors!!!

Juliamo

CA. DAYANIWAS SHARMA CHAIRMAN, BOARD OF STUDIES (ACADEMIC)

CHAIRMAN SSEB (BOARD OF STUDIES-OPERATIONS) COMMUNICATION



Dear Students,

would like to greet you all on the auspicious occasion of Teacher's Day, celebrated on fifth of September every year to pay our tributes to the teachers in our lives and to commemorate our past president Dr. Sarvepalli Radhakrishnan, a staunch educationist, renowned scholar, a true statesman and above all a devoted teacher. There is no substitute to quality education as it changes not only the life of an individual but also of their families forever.

This Teachers Day, thank everyone who have contributed in shaping your life. In the Chartered Accountancy profession, the role of our principal cum teacher is very important as the practical training provides a solid launchpad to unfold the horizons of a successful professional career.

Teachers' Day Celebration on 5th September, 2022

ICAI, in its path of growth, recognises the importance of teachers in shaping our students through the years. To celebrate **Teachers Day on 5th September, 2022**, a special programme is being organised by the Students Skills Enrichment Board (Board of Studies-Operations) on a pan India level across 166 Branches and 5 Regional Councils of ICAI. You are requested to kindly make best use of this opportunity to express your gratitude to the Guru of your life. Lets take this opportunity to also thanks the ICAI faculties of ICITSS & AICITSS courses.

Students Conferences

My dear students, you are aware that learning is a neverending process and to help you in the same, the SSEB takes the initiative to organise various students conferences and seminars. Conferences are an integral part of academic life and a great way to meet and interact with senior professionals to learn from their experiences. Listening your peer group from across the nation in technical sessions helps to unfold new and innovative ways for out of box thinking about a specific dimension. Please overcome your fears and doubts and do attend such conferences as the benefits are bigger than the costs.

I am happy to share that SSEB is organising the below mentioned Student Conferences to give you an opportunity to sharpen your knowledge before exams.

| NIRC | NIRC | Mega CA Students Conference | 3 rd - 4 th September, 2022 |
|--------|------|--------------------------------|--|
| Pimpri | WIRC | Mega CA Students Conference | 3 rd - 4 th September, 2022 |
| Vasai | WIRC | Mega CA Students Conference | 10 th -11 th September, 2022 |

Practical Training Modules for Article Students through Live Webinars

The Board, with an aim to train the CA students about the practical aspects required for the articleship training, has started a series of live Webinars every Sunday from 10.30 AM to 1.00 PM and conducted 16 live Webinars so far. Eminent subject experts are invited to address the students on various topics. The recorded lectures are also available on ICAI YOUTUBE & DLH platform. Students must join these webinars on every sunday and enhance your technical knowledge and spread the good word amongst your peers about such programmes.

CA Students National Talent Competitions

The Board has been organising National Talent competitions for the all-round personality development of the CA students encompassing activities such as Quiz, Elocution, Debate, Presentation, Nukkad Drama etc. These activities are first organised at the Branch level and the winners of Branch level would contest at Regional level and finally the winners of Regional levels will contest in the Grand Finale at National Level for each activity. You are requested to kindly refer to the announcements pertaining to upcoming contests and actively participate to take out your hidden talent.

International Student Conference - 2nd and 3rd December 2022

I am pleased to inform that the SSEB - BOS (Operations) will be organising the International Student Conference, 2022 at Hyderabad on 2nd and 3rd December 2022. It gives trigger to the research, thinking and presentation skills of the students. All the students are requested to make the best out of this opportunity and participate in the Conference both on and off the dais.

Four Weeks Residential Programmes at Centre of Excellence Jaipur and Hyderabad

I am pleased to inform that we have already completed six batches of Four Weeks Residential Programme, successfully at COE Jaipur and Hyderabad. We would like to inform you that the discounted course fees of the residential programme i.e upto 75% has been further extended for the month of August, September & October 2022. It's my appeal to all the students to take advantage of this excellent opportunity and enrol yourself in the upcoming batches.

A sky-high opportunity is resting on your shoulders to fulfil your dreams and to achieve the pinnacle of excellence and success. We at SSEB-BOS (Operations) are with you in all your endeavours and let us work together towards it.

Happy Teachers Day to all!!! May the path of knowledge light our lives forever.

Regards,

Jan Ming

CA SUSHIL KUMAR GOYAL
CHAIRMAN, STUDENTS SKILLS ENRICHMENT BOARD
(BOARD OF STUDIES-OPERATIONS)

CA FINAL - PAPER 2 - STRATEGIC FINANCIAL MANAGEMENT

The subject "Strategic Financial Management" basically involves applying the knowledge and techniques of financial management to the planning, operating and monitoring of the finance function in particular as well as the organisation in general. So, strategic financial management basically involves planning the utilisation of company's resources in such a manner that it brings maximum value to the shareholders in the long run.

In this regard, an attempt has been made to convey the concepts of Strategic Financial Management to the students in a lucid and simple manner in the form of capsules. It will help the students in undergoing a quick revision of a particular chapter. Although every effort has been made to portray the concepts to the students in the capsule form in the simplest possible manner, it cannot be taken as a substitute for the Study Material. Students are therefore advised to refer the ICAI Study Material and other publications such as Suggested Answers, Revisionary Test Papers, Mock Test Papers, etc.

CHAPTER 2 – RISK MANAGEMENT

Chapter Overview

Identification Evaluation Value at Risk of the types of of Financial risk faced by an (VAR) Risks organisation Evaluation of appropriate method for the identification and

Identification of the types of Risk faced by an organisation

management of financial risk

A business organisation faces many types of risks, important among them are discussed as below:

Strategic risk – When a company's strategy becomes less effective and it struggles to achieve its goal. It could be due to technological changes, a new competitor entering the market, shifts in customer demand, an increase in the costs of raw materials, or any large-scale change.

Compliance Risk – Arises when the company fails to comply with the rules and regulations related to a particular area, industry, or sector.

Operational Risks - Relates to internal risk. In other words, it means the failure of the company to cope with day-to-day operational problems. Operational risk relates to 'people' as well as 'processes.

Financial Risk - Unexpected changes in financial conditions such as prices, exchange rate, credit rating, interest rate, etc.

Broad categories of Financial Risk

1. Counter Party Risk - Also covers Credit Risk, occurs due to the non-honoring of obligations by the counterparty. For instance, failure to deliver the goods for the payment already made or vice-versa or repayment of borrowings and interest, etc.

2. Political Risk - Generally, faced by overseas investor, as the adverse action by the government of the host country may lead to huge losses such as confiscation or destruction of overseas property, rationing of remittance to the home country, etc.

3. Interest Rate Risk - Occurs due to changes in interest rates resulting in a change in assets and liabilities. More important for banking companies as their Balance Sheet items are more interest-sensitive, and their base of earning is spread between borrowing and lending rates.

4. Currency Risk - Mainly affects the organisation dealing with foreign exchange as their cash flow changes with the movement in the currency exchange rates. This risk can affect cash flows both adversely or favorably.

5. Liquidity Risk - Broadly, can be defined as the inability of an organisation to meet its liabilities whenever they become due. Mainly arises when an organisation is unable to generate adequate cash or there are mismatches in cash flow generation. More common in banking business.

Evaluation of Financial Risk

From Stakeholder's point of view

Since major stakeholders of a business are equity shareholders they view financial gearing i.e. the ratio of debt in the capital structure of a company as a risk, since in the event of winding up of a company, their priority will be the least.

Company's point of view If a company borrows excessively or lends to someone who defaults, it can be forced into liquidation.

From Government's point of view A financial risk can be viewed as the failure of any bank (like Lehman Brothers) or downgrading of any financial institution leading to the spread of distrust among society at large. Even this risk includes willful defaulters. It can also lead to a sovereign debt crisis.

Value at Risk (VAR)

A measure of the risk of an investment which can be a portfolio, capital investment or foreign exchange, etc. In the normal market conditions in a particular period, it estimates how much an investment might lose in a day.

1. Features of VAR

Components of Calculations: Based on three components (i) Time Period (ii) Confidence Level – Generally 95% and 99%, and (iii) Loss in percentage or in amount.

Statistical Method: A type of statistical tool based on Standard Deviation.

Time Horizon: Can be applied for different time horizons say one day, one week, one month and so

Probability: Assuming the values are normally attributed, probability of maximum loss can be predicted.

Risk Control: Risk can be controlled by setting limits for maximum loss.

Z Score: Indicates how many standard deviations a data value is above or below from the mean value of a population. When multiplied by Standard Deviation, it provides VAR.

2. Application of VAR

To measure the maximum possible loss on any portfolio or a trading position

A benchmark for performance measurement of any operation or trading

To fix limits for individuals dealing in front office of a treasury department

To help management decide the trading strategies

A tool for Asset and Liability Management especially in banks

Appropriate Methods for Identification and Management of Financial Risk

1. Counter Party Risk

Some of the illustrations of counter party risk are as follows:

Any regulatory restrictions from the government

Hostile action of foreign government

Let down by third party

Have become insolvent

The various techniques to manage this type of risk are as follows:

Carrying out due diligence before dealing with any third party

Do not over commit to a single entity or group or connected

Know your exposure limits

Review the limits and procedure for credit approval regularly

Rapid action in the event of any likelihood of defaults

Use of performance guarantee, insurance or other instruments

2. Political Risk

This risk can be identified from the following actions by the Governments of the host country:

Insistence on resident investors or labour

Restriction on conversion of currency

Expropriation of foreign assets by the local government

Price fixation of the products

Since this risk mainly relates to investments in foreign country, : company should assess country risk:

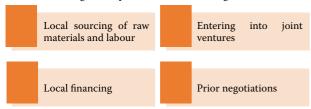
By referring political ranking published by different business magazines

By evaluating country's macro-economic conditions

By analyzing the popularity of current government and assess their stability

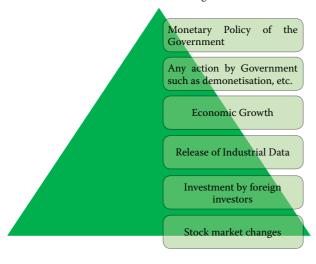
By taking advises from the embassies of the home country in the host countries

Further, following techniques can be used to mitigate this risk.



3. Interest Rate Risk

This risk can be identified from the following:



4. Currency Risk

Some of the parameters to identify this risk are as follows:

The Government action of any country has a visual impact on its currency. For example, the UK Govt. decision to divorce from the European Government Union (Brexit) brought the pound to its lowest Action since the 1980s.

Nominal Interest Rate

As per interest rate parity (IRP), the currency exchange rate depends on the nominal interest of that country.

Inflation Rate

· Purchasing power parity theory impacts the value of currency.

Natural Calamity · Any natural calamity can have negative impact.

War, Coup, Rebellion, etc.

· All these actions can have far reaching impact on currency's exchange rates.

Change of Government

The change of government and its attitude towards foreign investment also helps to identify the currency risk.

CHAPTER 6 – SECURITIZATION

Chapter Overview Benefits of Concept of Participants in Securitization Securitization Securitization Mechanism of Problems in Securitization Securitization Pricing of Securitization Securitization Instruments Instruments

Concept of Securitization

It is the process of repackaging or rebundling of illiquid assets into marketable securities. These assets can be automobile loans, credit card receivables, residential mortgages or any other form of future receivables.

Flow Chart - Process of Securitization

Banks and other Financial Institutions facing a shortage of funds, want to raise money without increasing their financial burden.

Selling the existing illiquid mortgaged based assets to Special Purpose Vehicles (SPVs).

SPVs pool these illiquid assets and convert them into marketable debt securities.

Securities are being made marketable by obtaining Credit Rating from Credit Rating agencies.

The securities are then issued to various investors by appointing a merchant banker.

In most of the cases, the originator collects payment from the original borrowers relating to mortgage based assets and passes them on directly to the SPVs.

The SPVs then make interest payment and return the principal amount on maturity to the holders of securitized instruments.

Features of Securitization

Creation of Financial Instruments – Creation of additional financial product of securities in market backed by collaterals.

Bundling and Unbundling – Bundling - All the assets are combined in one pool. Unbundling – Pool is broken into instruments of fixed denominations.

Tool of Risk Management – In case securitization is on a non-recourse basis then the risk of default is shifted.

Structured Finance – Financial instruments created out of pool are tailor structured to meet the Risk Return Trade-off profile of different investors.

Tranches – Splitting of portfolio of different receivables/loans/assets into several parts based on carrying different levels of risk and return.

Homogeneity – Under each tranche, the securities issued are of homogeneous nature.

Benefits of Securitization

Off – Balance Sheet Financing: Frees up funds blocked in loans and receivables leading to improved liquidity position helpful in expanding business. More specialization in main business: Originator entity could concentrate more on core business as servicing of loan is transferred to SPV. Helps to improve financial ratios: Particularly in case of Financial Institutions and Banks, it helps to improve financial ratios such as Capital to Weighted Asset Ratio effectively. Reduced borrowing Cost: Because of Credit Rating due to credit enhancement these instruments can be issued at lower rate of interest.

From the angle of investor

Diversification of risk: Securities backed by different types of assets provides the diversification of portfolio.

Regulatory requirement: Acquisition of asset backed securities belonging to a particular industry, say micro industry helps banks to meet the regulatory requirement of investment of funds in a specific industry.

Protection against default: In case of recourse arrangement, in case of any default by third party, the originator shall make good the amount. Moreover, insurance arrangement can be made for any such default.

Participants in Securitization

Primary Participants

Originator

It is an entity that initiates the deal and sells the illiquid mortgage based assets to the Special Purpose Vehicle (SPV).

Special Purpose Vehicles

Created for sole purpose of executing the securitization deal. Since the originator transfers all its rights in assets to SPV, it holds the legal title of these assets. It converts those illiquid assets into marketable securities which are issued to the investors.

Investors

This may be an individual, an institutional investor such as mutual fund, provident fund, insurance companies, financial Institutions etc., who buys securitized papers.

Secondary Participants

Obligors Parties who owe money to the originator i.e. assets on the Originator's Balance Sheet. Rating Agencies Provide credit rating to the securitized instruments which are assessed in terms of their credit quality before issuing them to the investors.

Receiving and Paying agents (RPA)

Also called Servicer or Administrator who collects payment due from obligor(s) and pass it to the SPV.

Agent or Trustee

To take care of the interest of investors by overseeing that all parties to the deal perform in the true spirit of the terms of the agreement.

Credit Enhancer

Tries to improve the credit ratings of the securitized instruments.

Structurer

Basically, Investment Bankers also called arrangers of the securitization deal who ensures that deal meets all the legal, regulatory, accounting, and tax laws requirements.

Mechanism of Securitization

Creation of Pool of Assets

Creation of pool of assets by segregation of assets backed by similar type of mortgages in terms of interest rate, risk, maturity and concentration units.

Transfer to SPV

Pooled assets are transferred to Special Purpose Vehicle (SPV) especially created for this purpose.

Sale of Securitized Papers

Designing of certificates out of the pool of assets to be issued to investors based on the nature of interest, risk, tenure, etc.

Administration of assets

Originator works as a conduit which collects the principal and the interest from underlying assets and transfers it to the SPV.

Recourse to Originator

Depending on the terms of agreement in case of default, instruments go back to originator from SPV.

Repayment of funds

SPV will repay the funds in the form of interest and principal that arises from the assets pooled.

Credit Rating to Instruments

Before the sale of securitized instruments, credit rating can be done to assess the risk of the issuer.

Problems in Securitization

Stamp Duty

Under the Transfer of Property Act, 1882, a mortgage debt stamp duty that goes up to 12% in some states of India has impeded the growth of securitization in India.

Taxation

• In the absence of any specific provision in the Income Tax Act, there is a difference of opinion among experts.

Accounting

· Though Securitization is an off-balance sheet instrument but problem arises especially when assets are transferred without recourse.

Lack of tandardizatio Every originator follows its own format for documentation and this leads to lack of standardization.

Inadequate Debt Market The lack of existence of a well-developed debt market in India.

Ineffective foreclosure Foreclosure laws are not supportive to the lending institutions and this makes securitized especially mortgaged-backed instruments securities less attractive as the lenders face difficulty in the transfer of property in the event of default by the borrower.

Securitized Instruments

The securitized instruments can be divided into following three categories:

Pass Through Certificates (PTCs) - Regular payment of interest and return of principal amount that originators (banks, financial institutions, etc.) receive on the original loan repayments-are passed to them.

> Pay through Security (PTS) - Interest is not passed onto the holders of securitized instruments. Instead, new securities are issued to them.

> > Stripped Securities - Created by dividing the cash flows associated with underlying securities into two new securities i.e. Interest Only (IO) Securities and Principle Only (PO) Securities.

Pricing of Securitized Instruments

From Originator's Angle

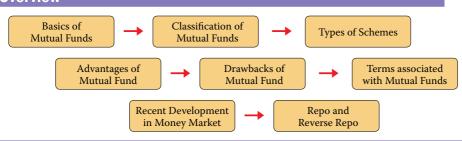
 Can be priced at a rate at which the originator has incurred an outflow by giving loans to the original borrowers and if that outflow can be amortized over a period of time by investing the amount raised through securitization.

From Investor's Angle

Can be determined by discounting expected future cash flows using yield to maturity of a comparable security with respect to credit quality and average life of the securities.

CHAPTER 7 – MUTUAL FUNDS

Chapter Overview



Concept of Mutual Fund

A trust that pools together the resources of the investors by making investments in the capital market thereby, making the investor to be a part owner of the assets of the mutual fund.

The concept of Mutual Fund as a process in the form of a flow chart is as follows:

Starts with a sponsor which establishes the mutual fund. For example, Axis Bank forms a mutual fund by the name of Axis Mutual Fund

The sponsor then appoints a trustee which acts as an independent person and sees that the entire mutual fund process is followed transparently.

Then the sponsor appoints an Asset Management Company (AMC) which manages the mutual fund. For example: Axis Asset Management Company Ltd.

AMC collects money from various investors, pool it and invests it in various profitable investment opportunities such as debt, equity, a balance of debt and equity etc.

The returns generated from the various mutual fund schemes in the form of dividend/capital appreciation are then distributed among the investors by the Asset Management Companies.

Classification of Mutual Funds

1. Functional Classification

Open ended funds

 In an Open-Ended scheme, the investor can make entry and exit at any time. Hence, the capital of the fund is unlimited, and the redemption period is indefinite.

Close-Ended funds

On the contrary, in a Close-Ended scheme, the investor can buy
into the scheme during Initial Public Offering or from the stock
market after the units have been listed. The scheme has a limited
life at the end of which the corpus is liquidated. The investor can
make his exit from the scheme by selling in the stock market
before the expiry of the scheme or during repurchase period at
his option.

2. Portfolio Classification

2.1 Equity Funds

Equity Funds are of the following types viz.

Growth Funds: Seek to provide long term capital appreciation to the investors and are best suited to long term investors.

Aggressive Funds: Look for super normal returns for which investment is made in start-ups, IPOs and speculative shares. They are best suited to investors who are willing to take risks.

Income Funds: Seek to maximise present income of investors by investing in safe stocks, paying high cash dividends and in high yield money market instruments. They are suited to investors seeking current income.

2.2 Debt Fund

Debt Funds are of two types viz.

Bond Funds

 Mainly invest in fixed income securities e.g. Government Bonds, Corporate Debentures, Convertible Debentures and Money Market instruments. Investors seeking tax free income or steady income may opt for such funds.

Gilt Funds

 Mainly invest in Government securities hence earns a secure income for investor in funds.

2.3 Special Funds

Index Funds Are passive funds that invest in those securities that are there in the underlying index such as NSE and BSE.

International Funds • A mutual fund located in India to raise money in India for investing globally.

Offshore Funds A mutual fund located in India to raise money globally for investing in India.

Sector Funds Invest their entire fund in a particular industry e.g. utility fund for utility industry like power, gas, public works.

Money Market Funds Predominantly debt-oriented schemes to achieve main objectives of preservation of capital, easy liquidity and moderate income. Invest majorly in safer short-term instruments like Commercial Papers, Certificate of Deposits, Treasury Bills, G-Secs, etc.

Fund of Funds • As the name suggests are schemes which invest in other mutual fund schemes.

Capital Protection Oriented Funds • Since these schemes aim to protect the capital of the investors, a substantial portion of the investment is made in debt.

Gold Funds Generally in the form of an Exchange Traded Fund (ETF) which offers investors an opportunity to participate in the bullion market without having to take physical delivery of gold.

Quant Funds Works on a data-driven approach for stock selection and investment decisions based on a predetermined rules or parameters using statistics or mathematics-based models.

3. Ownership Classification

Funds are classified into Public Sector Mutual Funds, Private Sector Mutual Funds and Foreign Mutual Funds. Public Sector Mutual Funds are sponsored by a company of the public sector. Private Sector Mutual Fund is sponsored by a company of the private sector. Foreign Mutual Funds are sponsored by companies for raising funds in India, operate from India and invest in India.

Direct Plan in Mutual Funds

- The investors can directly approach a Mutual Fund House without going to the distributor.
- Another aspect of the Direct Plan is that Asset Management Companies or Mutual Fund Houses do not charge distributor expenses, trail fees, and transaction charges.
- NAV of the direct plan is generally higher in comparison to a regular plan.

Types of Schemes of Mutual Funds

- 1. Balanced funds Make strategic allocation to both debt as well as equities. It mainly works on the premise that while the debt portfolio of the scheme provides stability, the equity provides growth.
- 2. An Equity Diversified fund A fund that contains a wide array of stocks. The fund manager ensures high level of diversification in its holdings, thereby reducing the amount of risk in the fund.
- 3. Equity Linked Saving Scheme (ELSS) ELSS has the potential to give better returns than any traditional tax savings instrument.
 - 4. Sector funds Highly focused on a particular industry. Since sector funds ride on market cycles, they have the potential to offer good returns if the timing is perfect.
 - 5. A thematic fund Focusses on trends that are likely to result in the 'out-performance' by certain sectors or companies. The theme could vary from multi-sector, international exposure, commodity exposure, etc. Unlike a sector fund, theme funds have a broader outlook.
 - 6. A Hedge Fund A lightly regulated investment fund and being a sort of a private investment vehicle being offered to selected clients.
 - 7. Arbitrage funds Seeks to capitalise on the price differentials between Spot and Future Markets.
 - 8. Cash Fund An open ended liquid scheme that aims to generate returns with lower volatility and higher liquidity through a portfolio of debt and money market instrument.
- 9. Exchange Traded Funds (ETFs) Are hybrid products that combine the features of listed stocks and index funds. These funds are listed on the stock exchanges and their prices are linked to the underlying index. ETFs can be bought and sold like any other stock on an exchange.
- 10. Fixed Maturity Plans (FMPs) Close Ended Funds usually invest funds in Certificates of Deposits (CDs), Commercial Papers (CPs), Money Market Instruments and Non-Convertible Debentures over fixed investment period. Sometimes, they also invest in Bank Fixed Deposits.

Types of Equity Diversified Funds

Flexicap Fund

In flexicap funds, atleast 65% of the funds must be invested in equity. However, there is complete flexibility as to how much investments has to be made in large, mid or small cap.

Multicap Fund

In multicap funds, investment to be made in large cap, mid-cap and small cap is 25% each.

Contra Fund

A contra fund invests in those companies that are presently out of favour and has value but has the potential to grow in future. Investors who invest in contra funds have an aggressive risk appetite.

Index Fund

An index fund invests and track the performance of a benchmark market index like the BSE Sensex or S&P. CNX Nifty aims to receive return as earned by the market index.

Dividend Yield fund

A dividend yield fund invests in shares of companies having high dividend yields. Dividend yield is defined as dividend per share divided by the share's market price.

Types of Exchange Traded Funds

Index ETFs

· That holds securities and attempt to replicate the performance of a stock market index.

Commodity **ETFs**

· That invests in commodities, such as precious metals and futures.

Bond ETFs

· That invests in bonds are known as bond ETFs.

Currency **ETFs**

 That provides investor access to the Foreign exchange spot change, local institutional interest rates and a collateral yield.

Advantages of Mutual Funds

Professional Management

 Managed by skilled and professionally experienced managers with a back up of a Research team.

Diversification

 Offers diversification in portfolio which reduces the risk.

Convenient Administration

 As most of the Mutual Funds offer services in a demat form, it saves investor's time and delay.

Higher Returns

 Over a medium to long-term investment, investors always get higher returns in Mutual Funds as compared to other avenues of investment.

Low Cost of Management

• No Mutual Fund can increase the cost beyond prescribed limits and any extra cost of management is to be borne by the AMC.

Liquidity

 In Open Ended Funds, liquidity is provided by direct sales / repurchase by the Mutual Fund and in case of Close Ended Funds, the liquidity is provided by listing the units on the Stock Exchange.

Transparency

 SEBI Regulations now compel all the Mutual Funds to disclose their portfolios on a halfyearly basis.

Highly Regulated

 Mutual Funds in India are registered with SEBI and are strictly regulated as per the Mutual Fund Regulations which provide excellent investor protection.

Economies of Scale

 Mutual funds pooled money from a large number of investors giving them the advantage of economies of scale.

Flexibility

• Lot of flexibility is there for an investor. For instance, he can either opt for a Systematic Investment Plan (SIP) or a Systematic Withdrawal Plan (SWP) to plan his cash flow requirements as per his convenience.

Drawbacks of Mutual Funds

No guarantee of Return - Some mutual funds may underperform the benchmark index. And, some Mutual Fund investments may depreciate in value.

Diversification – A mutual fund helps to create a diversified portfolio. Though diversification minimises risk, it does not ensure maximising returns.

Selection of Proper Fund - It may be easier to select the right share rather than the right fund. In case of mutual funds, past performance is the only criteria to fall back upon but past cannot predict the future.

Cost Factor – Mutual Funds carry a price tag. Fund Managers are the highest paid executives. While investing, one has to pay for entry load and when leaving he has to pay for exit load. Such costs reduce the return from mutual fund.

Unethical Practices – Mutual Funds may not play a fair game. Each scheme may sell some of the holdings to its sister concerns for substantive notional gains and posting NAVs in a formalised manner.

Taxes - Sometimes the personal tax considerations are not taken into account by the fund manager. For example, when a fund manager sells a security, a capital gain tax is triggered, while it might have been more profitable for the individual to defer the capital gain liability.

Transfer Difficulties - Sometimes the mutual fund positions have to be closed out before a transfer can happen. This can be a major problem for investors.

Terms associated with Mutual Funds

Net Asset Value (NAV)

It is the net value of all assets less liabilities. NAV represents the market value of total assets of the fund less total liabilities attributable to those assets. NAV changes daily. NAV is computed on per unit basis i.e. dividing the Net Asset Value by number of Outstanding Units.

Entry and Exit Load in Mutual Funds

Entry load is charged at the time an investor purchases the units of a scheme. The entry load percentage is added to the prevailing NAV at the time of allotment of units. Exit load is charged at the time of redeeming (or transferring an investment between schemes). The exit load percentage is deducted from the NAV at the time of redemption (or transfer between schemes).

Trail Commission

It is the amount that a mutual fund investor pays to his advisor each year. The purpose of charging this commission from the investor is to provide incentive to the advisor to review their customer's holdings and to give advice from time to time.

Expense Ratio

It is the percentage of the assets that were spent to run a mutual fund. It includes things like management and advisory fees, travel costs and consultancy fees. The expense ratio does not include brokerage costs for trading the portfolio. It is also referred to as the Management Expense Ratio (MER)

Side Pocketing

In simple words, a Side Pocketing in Mutual Funds leads to separation of risky assets from other investments and cash holdings. The purpose is to make sure that money invested in a mutual fund, which is linked to stressed assets, gets locked, until the fund recovers the money from the company or could avoid distress selling of illiquid securities.

Tracking Error

Tracking error can be defined as the divergence or deviation of a fund's return from the benchmarks return it is following. The tracking error can be calculated on the basis of corresponding benchmark return vis a vis quarterly or monthly average NAVs.

CHAPTER 12 – CORPORATE VALUATION

Chapter Overview Conceptual Approaches/ Measuring Framework of Methods of Cost of Equity Valuation Valuation Other Approaches Relative Arriving at to Value Fair Value Valuation Measurement

Concept of Corporate Valuation

Means determining the value of a business organisation. Though Corporate Valuation can be carried out for various purposes but here we shall mainly use the same for the Merger and Acquisition decisions. The need for proper corporate valuation of a company emerges because of the following:

Information for its internal stakeholders

Comparison with similar enterprises for understanding management efficiency

Future public listing of the enterprise

Strategic planning, for e.g. finding out the value driver of the enterprise, or for a correct deployment of surplus cash

Ball park price (i.e. an approximate price) for acquisition, etc.

Approaches and Methods of Valuation

1. Asset Based Approach

The value of shares of the target company is computed in terms of net assets acquired. This approach further can be classified into following three methods:

Net Asset Value

- · Also called 'Book Value' Method and the value of the shares of the company is computed as follows:
- Net Fixed Asset = Fixed Assets + Net Current Assets Long Term Debt

Net Realisable Value

· Also called Liquidation Value or Adjusted Book Value. It can be defined as realisable value of all assets after deduction of liquidation expenses and paying off liabilities. However, in some cases liquidation expenses can be ignored if business of target company is acquired as a going concern.

Replaceable Value

• Involves valuation as per determination of the cost of group of assets and liabilities of equivalent company in the open market.

2. Income Based Approach

Overcomes the drawbacks of using the asset-backed valuation approach by referring to the earning potential. Especially suitable when acquiring company intends to continue the business of Target Company to foresee future without selling or liquidating assets of the same. Following two methods are used under this approach:

I: PE Ratio or Earning Yield Multiplier

Generally used for valuing listed companies whose PE Ratios are available. This approach has one benefit that it takes into account the expected growth rate of the company as well as market expectations.

The price or value of equity share can be calculated using the following equation:

Price per Share = EPS x PE Ratio

This approach involves following steps:

- (i) Choosing PE Ratio of equivalent quoted company.
- (ii) Making adjustment downward for additional risk due to non-listing of shares.
- (iii) Determination of future maintainable EPS.
- (iv) Multiply same EPS with adjusted PE Ratio.

II: Capitalisation of Earnings

The value of business is calculated by capitalisation of company's expected annual maintainable profit using appropriate required rate of return or yield or discounting rate.

Annual expected maintainable profit can be calculated by using weighted average of previous years' profits after adjusting synergy benefits or economies of scale in the same profit.

The capitalisation rate depends on many factors. The capitalisation rate can be approximated as follows: Required Earning Yield = EPS/Share Price

Valuation of a company can be computed as follows: Capitalised Earning Value = Expected Annual Maintanable Profit/Capitalisation Rate or Required Earning Yield

3. Cash Flow Based Approach

As opposed to the asset based and income based approaches, the cash flow based approach takes into account the quantum of free cash that is available in future periods, and discounting the same appropriately to arrive at the present value.

If the present value i.e. the Discounted Cash Flow (DCF) so arrived at, is more than the current cost of investment, the valuation of the enterprise is attractive to both the internal as well as external stakeholders.

Steps involved in DCF based valuation:

- · Arriving at the 'Free Cash Flows (FCF)
- Forecasting of future cash flows (also called projected future cash flows)
- · Determining the discount rate based on the cost of capital
- Finding out the Terminal Value (TV) of the enterprise
- Finding out the present values of both the free cash flows and the TV, and interpretation of the results.

Measuring Cost of Equity

One of the important constituents of Valuation of Equity Share is Cost of Capital. Following methods are generally used to calculate the Cost of Equity:

1. Capital Assets Pricing Model (CAPM)

The CAPM model calculates the Cost of Equity based on the degree of risk assumed and is represented by the below formula:

$$R = r_f + \beta (r_m - r_f)$$

Where R =expected rate of return

 β = beta rf = risk free rate of return

rm = market rate of return β = Beta value of the stock

2. Arbitrage Pricing Model

The Arbitrage Pricing Model considers multiple risk factors such as Interest Rate Fluctuations, Sectoral Growth Rate, etc. Hence Cost of Equity as per this method is calculated in the following manner:

- (a) Calculate the risk premium for both these risk factors (e.g. beta for the risk factor 1 interest rate, and beta of the risk factor 2 sector growth rate; and,
- (b) Adding the risk-free rate of return.

Thus, the formula for APT is represented as -

 $R_{f} + \beta_{1}(RP_{1}) + \beta_{2}(RP_{2}) +\beta_{i}(RP_{n})$

Here, $R_f = Risk$ free rate of return

 β_i = beta of the respective risk factor

RP = Risk Premium

3. Estimating beta and valuation of unlisted companies

Estimating beta and then valuing an unlisted company is a challenging task. This is even more difficult when an existing listed company decides to invest in a new business and wants to value it. In such cases, it is not feasible to use Weighted Average Cost of Capital (WACC) to evaluate the business, rather than WACC should be assessed for the appropriate risk level. For this purpose, the company uses asset beta or ungeared beta which is adjusted according to its own gearing level.

So, the equity beta of a new business or an unlisted company is computed by adjusting the asset beta as follows:

Identify the Pure Play firms or companies (engaged entirely in same business and are also called proxy companies) and their Equity Betas to surrogate the Equity Beta of new Project or business.

Once Beta of proxy companies have been identified we de-gear it and compute the Asset Beta as the different companies may have different gearing levels.

In case if there is only one proxy company then Asset Beta of the same company shall be continued for further analysis. In case there are more than one proxy companies then we shall take average of Asset Betas of these companies. Otherwise, we can also opt for the Asset Beta of the company that appears to be most appropriate.

Now we must re-gear the Asset Beta as per capital structure of the appraising company to reflect the financial risk using the required formula.

Insert computed βe in CAPM and can compute required rate of return for project under consideration.

Required Formula for computing Beta of company as per its own Capital Structure

$$\beta_e = \beta_a \left[\frac{E + D(1-t)}{E} \right]$$

Where $\beta_a = Geared$ or Equity Beta

 β_a = Ungeared or Asset Beta

E = Equity

D = Debt

t = Tax Rate

Relative Valuation

Also referred to as 'Valuation by multiples', uses financial ratios to derive at the desired metric (referred to as the 'multiple') and then compares the same to that of comparable firms.

The various steps in relative valuation are as follows:

Find out the 'drivers' that will be the best representative for deriving at the multiple. One can have either enterprise value based multiples or equity value based multiples.

Determine the results based on the chosen driver(s) through financial ratios.

Find out the comparable firms, and perform the comparative analysis. Comparable firms would mean the ones having similar asset and risk dispositions.

Iterate / extrapolate the results obtained to arrive at the correct estimate of the value of the firm.

Other approaches to Value Measurement

1. Contemporary approaches to Valuation

An internet company having a huge online presence may adopt a new method of valuation - Price per page visited.



An online play store can value a business using 'Price per Subscriber'.



A retail giant looking to acquire a company which is giving it a tough competition may adopt another contemporary approach to value a company by using 'Goodwill based Approach'. It may first take an asset based valuation, and then value the goodwill separately by linking a multiple to its annual sales.



Price Earnings Ratio (PER) approach may also be used. However, PER is a relative figure, and comparison across industries in the same sector can give a more median PER that may be acceptable for valuation purposes.



LBOs (Leveraged Buy Outs) - Private equities acquire companies using a high leverage mostly at a debt-equity ratio of 70:30 thereby increasing their value over a period of time and then sell it at a much higher price.

2. Chop-Shop Method

This approach attempts to identify multi-industry companies that are undervalued and would have more value if separated from each other. This approach involves following three steps:

Step 1

Identify the firm's various business segments and calculate the average capitalisation ratios for firms in those industries.

Step 2

· Calculate a "theoretical" market value based upon each of the average capitalisation ratios.

Step 3

Average the "theoretical" market values to determine the "chop-shop" value of the firm.

3. Economic Value Added (EVA)

The core concept behind EVA is that a company generates 'value' only if there is a creation of wealth in terms of returns in excess of its cost of capital invested. EVA insists on separation of firm's operation from its financing. So if a company's EVA is negative, it means the company is not generating value from the funds invested into the business. Conversely, a positive EVA shows a company is producing value from the funds invested in it.

The formula to calculate EVA is as below -

Net Operating Profit after tax (NOPAT) – (Invested Capital x WACC)

 Ω R

NOPAT - Capital Charge

4. Market Value Added (MVA)

MVA simply means the Current Market Value of a firm minus the Invested Capital. It is an attempt to resolve some of the issues involved in EVA e.g. ignoring Value Drivers, Book Value, etc. Further, MVA itself does not give any basis of share valuation rather provides an alternative way to gauge performance efficiencies of an enterprise, albeit from a market capitalisation point of view. The logic being that the market will discount the efforts taken by the management fairly.

5. Shareholder Value Analysis (SVA)

The focus is on creation of economic value for shareholders as measured by share price performance and flow of funds.

The steps involved in the computation of SVA are as follows:

(a) Arrive at the Future Cash Flows (FCFs). (b) Discount these FCFs using the WACC.

(c) Add the present value of terminal value to the present values computed in step (b).

(d) Add the current market value of non-core assets and marketable investment with the value computed in step (c).

(e) Reduce the value of debt from the result in step (d) to arrive at value of equity.







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| Date & Day | Name of the Paper (11.00 AM to 1.30 PM) | BoS Faculty | | | |
| September 05, 2022, Monday | Paper 1 - Financial Reporting | CA. Shilpa Agrawal & CA. Anshul Kumar | | | |
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| September 07, 2022, Wednesday | Paper 2 - Strategic Financial Management | CA. Ashish Gupta & CS. Vivek Banerjee | | | |
| September 08, 2022, Thursday | Paper 2 - Strategic Financial Management | CA. Ashish Gupta & CS. Vivek Banerjee | | | |
| September 09, 2022, Friday | Paper 3 - Advanced Auditing and Professional Ethics | CA. Karuna Bhansali & CA. Rajeev Sachdeva | | | |
| September 10, 2022, Saturday | | | | | |
| September 11, 2022, Sunday | | | | | |
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| | | CS. Megha Goel | | | |
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| | Performance Evaluation (SCMPE) | | | | |
| September 16, 2022, Friday | Paper 5 - Strategic Cost Management and | CA. Deepak Gupta | | | |
| | Performance Evaluation (SCMPE) | | | | |
| September 17, 2022, Saturday | | | | | |
| September 18, 2022, Sunday | | | | | |
| September 19, 2022, Monday | Paper 7 - Direct Tax Laws and International Taxation | CA. Priya Subramanian & CA. Aparna Chauhan | | | |
| September 20, 2022, Tuesday | Paper 7 - Direct Tax Laws and International Taxation | CA. Priya Subramanian & CA. Aparna Chauhan | | | |
| September 21, 2022, Wednesday | Paper 8 - Indirect Tax Laws | CA. Shefali Jain | | | |
| September 22, 2022, Thursday | Paper 8 - Indirect Tax Laws | CA. Shefali Jain | | | |

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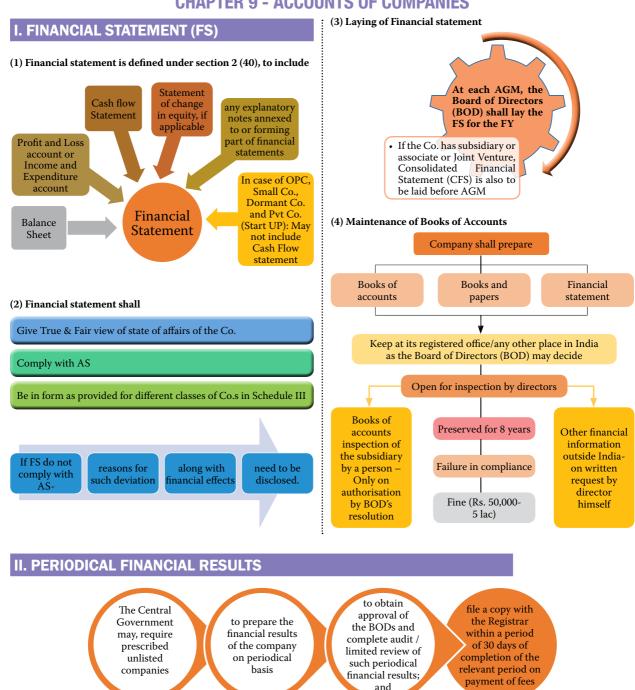
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|-------------------------------|---|--|
| September 05, 2022, Monday | Paper 1 - Accounting | CA. Seema Gupta & CA. Asha Verma |
| September 06, 2022, Tuesday | Paper 1 - Accounting | CA. Seema Gupta & CA. Asha Verma |
| September 07, 2022, Wednesday | Paper 2 - Corporate and Other Laws | Nisha Gupta, CA. Shraddha Saxena & CS. Megha Goel |
| September 08, 2022, Thursday | Paper 2 - Corporate and Other Laws | Nisha Gupta, CA. Shraddha Saxena & CS. Megha Goel |
| September 09, 2022, Friday | Paper 3 - Cost and Management Accounting | Dr. N N Sengupta & CA. Preeti Sharma |
| September 10, 2022, Saturday | | |
| September 11, 2022, Sunday | | |
| September 12, 2022, Monday | Paper 3 - Cost and Management Accounting | Dr. N N Sengupta & CA. Preeti Sharma |
| September 13, 2022, Tuesday | Paper 4A - Income-tax Law | CA. Priya Subramanian & CA. Dimple |
| September 14, 2022, Wednesday | Paper 4B - Indirect Taxes | CA. Shefali Jain |
| September 15, 2022, Thursday | Paper 5 - Advanced Accounting | CA. Seema Gupta & CA. Asha Verma |
| September 16, 2022, Friday | Paper 5 - Advanced Accounting | CA. Seema Gupta & CA. Asha Verma |
| September 17, 2022, Saturday | | |
| September 18, 2022, Sunday | | |
| September 19, 2022, Monday | Paper 6 - Auditing and Assurance | CA. Rajeev Sachdeva & CA. Karuna Bhansali |
| September 20, 2022, Tuesday | Paper 6 - Auditing and Assurance | CA. Rajeev Sachdeva & CA. Karuna Bhansali |
| September 21, 2022, Wednesday | Paper 7A - Enterprise Information Systems | Ms. Sukriti Arora & Dr. Jyoti Batra Arora |
| September 22, 2022, Thursday | Paper 7B - Strategic Management | Dr. Ruchi Agarwal |
| September 23, 2022, Friday | Paper 8A - Financial Management | Dr. N N Sengupta & CA. Preeti Sharma |
| September 24, 2022, Saturday | | |
| September 25, 2022, Sunday | | |
| September 26, 2022, Monday | Paper 8B - Economics for Finance | Dr. Nikhil Saket |

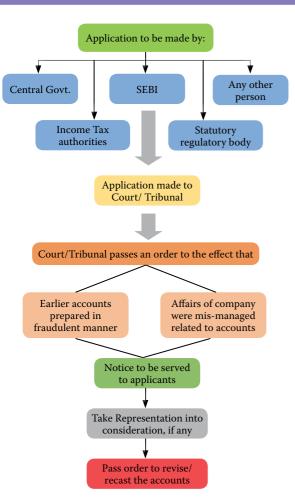
CA INTERMEDIATE - PAPER 2 - CORPORATE AND OTHER LAWS

At Intermediate level, the Company Law portion of the subject 'Corporate and Other Laws' largely involves knowledge and comprehension, analysis and application of provisions of the Companies Act, 2013 to solve situation based and application-oriented issues. In the capsule, an attempt has been made to capture the significant provisions from sections 128 to 148 of the Companies Act, 2013. You are advised to read and understand the September 2021 edition of the Study Material and relevant RTP for a thorough understanding of the relevant provisions of the Companies Act, 2013. This capsule is intended to assist you in the process of revision of concepts discussed in the Study Material.

CHAPTER 9 - ACCOUNTS OF COMPANIES



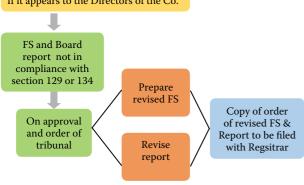
III. RE- OPENING OF ACCOUNTS



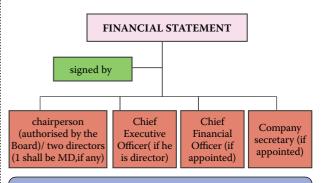
Time limit for reopening: No order in respect of re-opening of books of account relating to a period earlier than eight financial years immediately preceding the current financial year, shall be made. Except on direction of the Central Government BOA's may be kept for a period longer than eight years and accordingly may be ordered of re-opening for such period.

IV. VOLUNTARY REVISION OF FINANCIAL STATEMENTS OR BOARD'S REPORT

If it appears to the Directors of the Co.

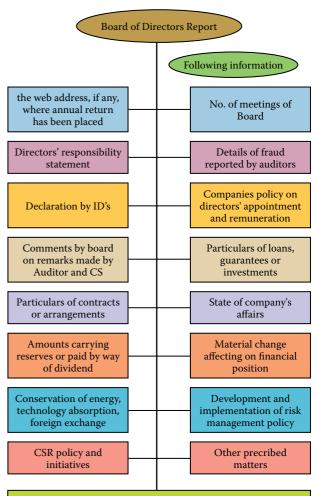


AUTHENTICATION OF **FINANCIAL STATEMENTS**



Significant points: Signed copy of every FS, shall be including consolidated financial statement, if any. It shall be issued, circulated or published along with a copy of any notes annexed to or forming part of such financial statement; the auditor's report; and the Board's report.

VI. CONTENTS OF BOARD REPORT



Listed /other public companies (paid up share capital of 25 cr or more) shall contain statement indicating the manner in which format of annual evaluation of the performance of the Board, its Committees and of individual directors has been made.

Significant points: The Board's Report shall be prepared based on the stand alone financial statements of the company and shall report on the highlights of performance of subsidiaries, associates and joint venture companies and their contribution to the overall performance of the company during the period under report.

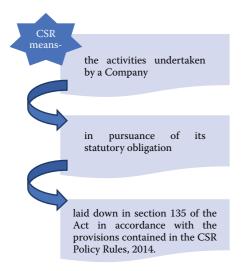
The Board's report and any annexures under this section, shall be signed by its chairperson, if he is authorised by the Board.

Where chairperson is not so authorised, shall be signed by at least two directors, one of whom shall be a managing director, or by the director where there is one director.

Directors' Responsibility Statement shall state-Director's selection directors of such had taken accounting care for the the the policies maintenance directors, directors of adequate in the case the and had devised the applicable applying accounting of a listed proper directors records for Accounting them company. systems had Standards consistently safeguarding had laid to ensure prepared to give a compliance that have the assets down the annual been true and of the internal with the accounts followed fair view company financial provisions on a going in the of the state and for controls to of all concern preventing applicable preparation of affairs be followed basis; and of the of the and by the laws detecting annual company company operating accounts and of the fraud and effectively. effectively. profit and other loss of the irregularities; company

VII. CORPORATE SOCIAL RESPONSIBILITY (CSR)

(1) Meaning and activities which are specifically excluded:



CSR shall not include the following activities:-

(i) activities undertaken in pursuance of normal course of business of the company:

Provided that any company engaged in research and development activity of new vaccine, drugs and medical devices in their normal course of business related to COVID-19 for financial years 2020-21, 2021-22, 2022-23 subject to the conditions that-

- (a) such research and development activities shall be carried out in collaboration with any of the institutes or organisations mentioned in item (ix) of Schedule VII to the Act;
- (b) details of such activity shall be disclosed separately in the Annual report on CSR;
- (ii) any activity undertaken by the company outside India except for training of Indian sports personnel
- (iii) Contribution of any amount directly or indirectly to any political party;
- (iv) activities benefitting employees of the company the Code on Wages, 2019
- (v) activities supported by the companies on sponsorship basis;
- (vi) activities carried out for fulfilment of any other statutory obligations under any law in India;
- (2) Companies required to constitute CSR committee

Every company shall constitute a Corporate Social Responsibility Committee of the Board , having-

- net worth of Rs. 500 crore or more, or
- turnover of Rs. 1000 crore or more or
- · a net profit of Rs. 5 crore or more
- during the immediately preceding financial year

Comprising of -

three or more directors, out of which at least one director shall be an independent director:

- Provided that where a company is not required to appoint an independent director under section 149 (4),it shall have in its Corporate Social Responsibility Committee two or more directors.
- (3) Duties of CSR Committee

formulate and recommend to the Board, a Corporate Social Responsibility Policy which shall indicate the activities to be undertaken by the company in areas or subject, specified in Schedule VII;

recommend the amount of expenditure to be incurred on the referred activities and

monitor the Corporate Social Responsibility Policy of the company from time to time.

(4) Amount of contribution towards CSR

The Board shall ensure that the company spends, in every financial year,

at least 2% of the average net profits of the co. during the three immediately P.F.Ys

Where the company has not completed the period of 3 F.Ys, since its incorporation,

 atleast 2% during such immediately preceding financial years, in pursuance of its Corporate Social Responsibility Policy

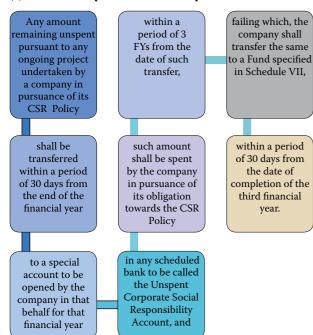
in its report shall specify the reasons for not spending

· and, where the unspent amount relates to any ongoing project, transfer such unspent amount to a Fund specified in Schedule VII,

Where the company spends an amount in excess of the requirements

· such company may set off such excess amount against the requirement to spend for such number of succeeding financial years and in such manner, as may be prescribed.

(5) Transfer of unspent CSR amount to special account

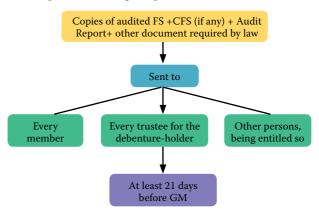


(6) When it is not necessary to constitute CSR Committee

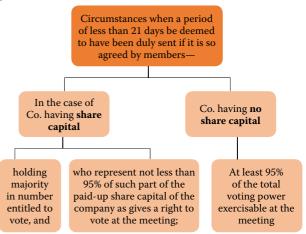


VIII. ENTITLEMENT OF MEMBERS TO RECEIVE FINANCIAL STATEMENT

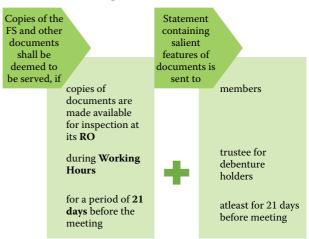
(1) Time period for serving of copies of audited financial statement



(2) Circumstances when a period can be less than prescribed period

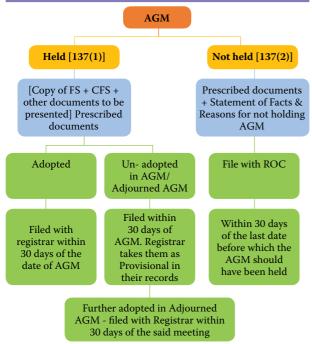


(3) In case of listed companies:



OF CIRCULATION FINANCIAL STATEMENTS As prescribed Circulation of by the CG Financial statement Public co. (Net worth > 1 crore Listed and Turn Over > 10 crore) companies By Dispatch of physical copies as By Electronic mode specified in Sec 20 When To Other All Other Shareholding in shareholders Cases dematerialised who do not have form dematerialised shares but have Email ID is consented in registered with writing for Depository receiving by electronic mode

X. FINANCIAL STATEMENT TO BE FILED WITH REGISTRAR



- In case of a OPC, it shall file a copy of the financial statements duly adopted by its member, along with the required documents attached to such financial statements, within one hundred eighty days from the closure of the financial year.
- In case of companies having subsidiary/s: A company shall, along with its financial statements to be filed with the Registrar, attach the accounts of its subsidiary/s which have been incorporated outside India and which have not established their place of business in India.

In the case of a subsidiary which has been incorporated outside India ("foreign subsidiary"), which is not required to get its financial statement audited under any law of the country of its incorporation and which does not get such financial statement audited, the requirements of the fourth proviso (above point) shall be met if the holding Indian company files such unaudited financial statement along with a declaration to this effect and where such financial statement is in a language other than English, along with a translated copy of the financial statement in English.

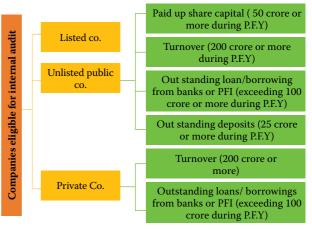
XI. INTERNAL AUDIT

(1) Who can be internal auditor?



Significant point: Internal auditor may be either an individual or a partnership firm or a body corporate. Internal auditor may or may not be an employee of the company.

(2) Companies required to conduct internal audit



(3) Function of Internal Auditor

The Audit Committee of the company or the Board shall, in consultation with the Internal Auditor-

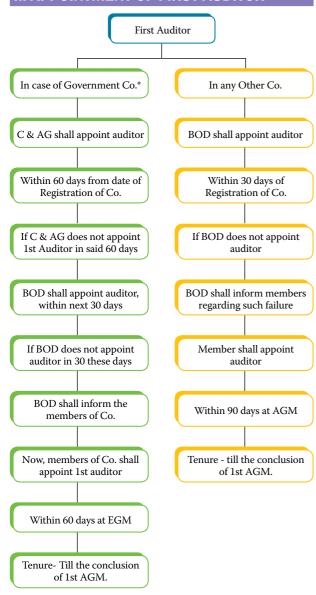
> Formulate the scope,functioning, periodicity and methodology for conducting the internal audit.

CHAPTER 10 - AUDIT AND AUDITORS

I. WHO CAN BE APPOINTED AS AN AUDITOR?

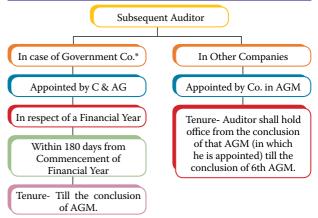


II. APPOINTMENT OF FIRST AUDITOR



*Government company or any other company owned or controlled, directly or indirectly, by the Central Government, or by any State Government, or Governments, or partly by the Central Government and partly by one or more State Governments.

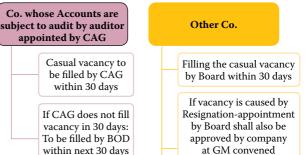
III. APPOINTMENT OF SUBSEQUENT AUDITOR



Here, 'appointment' includes re-appointment.

*Government company or any other company owned or controlled, directly or indirectly, by the Central Government, or by any State Government, or Governments, or partly by the Central Government and partly by one or more State Governments.

CASUAL VACANCY OF AUDITOR

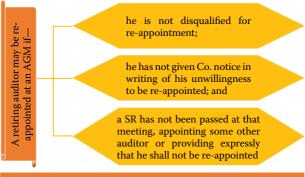


The Auditor so appointed shall hold office till the conclusion of next AGM.

within 3 months of

recommendation of Board

V. RE- APPOINTMENT OF RETIRING AUDITOR



Where at any AGM, no auditor is appointed or re-appointed, the existing auditor shall continue to be the auditor of the company

VI. TERM OF AUDITOR

(1)

(2)

Listed companies and prescribed class Appoint or re- appoint of companies (except as Auditor OPC and Small Co.) Individual Audit Firm One Term of 5 consecutive Two terms of five consecutive years vears Cooling Period: On Cooling Period: On completion of term (one completion of term (two term of 5 consecutive term of 5 consecutive years)- 5 years from the years)- 5 years from the completion of his term completion of his term

#Specified/ Prescribed Class of Companies

- (a) **unlisted public** companies having paid up share capital of rupees 10 crore or more
- (b) Pvt Ltd. companies having paid up share capital of rupees fifty crore or more
- (c) companies having paid up share capital of below threshold limit mentioned in (a) and (b) above, but having public borrowings from financial institutions, banks or public deposits of rupees 50 crores or more.

VII. DISQUALIFICATION OF AUDITORS [SECTION 141(3) ALONG WITH RULE 10]

Body Corporate

Except LLP

Officer or employee of Co.

a person who is a partner, or who is in the employment, of an officer or employee of the company

a person who, or his relative or partner-

- is holding any security of or interest in the company or its subsidiary, or of its holding or associate company or a subsidiary of such holding company. (Relative may hold security or interest in the company of face value not exceeding Rs. 1 lac)
- is indebted to the company, or its subsidiary, or its holding or associate company or a subsidiary of such holding company, in excess of Rs. 5 lac; or
- has given a guarantee or provided any security in connection with the indebtedness of any third person to the company, or its subsidiary, or its holding or associate company or a subsidiary of such holding company, in excess of Rs. 1 lac

a person or a firm who, whether directly or indirectly, has business relationship with the company, or its subsidiary, or its holding or associate company or subsidiary of such holding company or associate company

- 'business relationship' shall be construed as any transaction entered into for a commercial purpose, except—
 - (A) commercial transactions which are in the nature of professional services permitted to be rendered by an auditor or audit firm under the Act and the Chartered Accountants Act, 1949 and the rules or the regulations made under those Acts;
 - (B) commercial transactions which are in the ordinary course of business of the company at arm's length price like sale of products or services to the auditor as customer by the companies engaged in the business of telecommunications, airlines, hospitals, hotels and such other similar businesses

a person whose relative is a director or is in the employment of the company as a director or key managerial personnel

a person who is in full time employment elsewhere or a person or a partner of a firm holding appointment as its auditor, if such persons or partner is at the date of such appointment or reappointment holding appointment as auditor of more than 20 companies other than one person companies, small companies and private companies having paid-up share capital less than 100 crore rupees

a person who has been convicted by a court of an offence involving fraud and a period of 10 years has not elapsed from the date of such conviction

a person who, directly or indirectly, renders any service referred to in section 144 to the company or its holding company or its subsidiary company

VIII. STEPS FOR REMOVAL OF AUDITOR

A Special Notice is received for Removal of auditor

A board meeting will be held

(To decide about removal and then authorising the filing of application to CG)

Application to CG (To be made in ADT-2), within 30 days of Board meeting

Approval of CG received

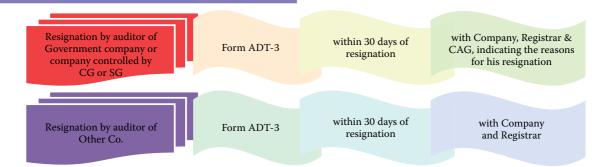
After approval from CG, Special Notice to be sent for AGM

Auditor shall be given a reasonable opportunity of being heard

Auditor removal can be done only through Special Resolution

Auditor will be removed

IX. RESIGNATION BY AUDITOR



X. PUNISHMENT UNDER SECTION 147

(1) In case of company and officer of company

In case of Co.

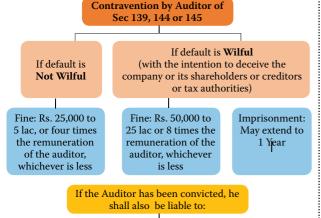
Rs. 25,000 to 5 lac

Contravention of sec 139 to 146

In case of Officer in default

Fine: Rs. 10,000 to 1 lac

(2) In case of auditor



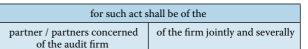
Pay for the damages to the Co., statutory bodies, authorities or to members or creditors of the company for loss arising out of incorrect statements in Audit Report

(3) In case of audit of a co. conducted by an audit firm

Where the partner/s of the audit firm has / have acted in a-fraudulent manner / abetted / colluded in any fraud by, or

in relation to or bythe company / its directors / officers,

the liability (whether civil /criminal) under this Act or in any other law in force,



in case of criminal liability of an audit firm (in respect of liability other than fine)-

the concerned partner/s, who acted in a fraudulent manner/ abetted / as the case may be colluded in any fraud-

shall only be liable

CROSSWORD SOLUTION - AUGUST 2022

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| ²⁵ E | T | F | | M | | ²⁶ E | M | I | | | M |
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BUSINESS ECONOMICS

CA FOUNDATION - PAPER 4 - PART I - BUSINESS ECONOMICS

The market structure mostly determines a firm's power to fix the price of its product. The level of profit maximising price is generally different in different kinds of markets due to differences in the nature of competition. Business Cycles have tremendous influence in business decisions. The stage of the business cycle is crucial while making managerial decisions regarding expansion or downsizing. You are advised to read the capsule for understanding of the concepts. The graphs and charts will assist you in revision of concept discussed in study material in minimum time.

CHAPTER 4 - PRICE DETERMINATION IN DIFFERENT MARKETS



Market

Market is the whole set arrangements for buying and selling of a commodity or service. Here, buyers and sellers bargain over price of a commodity.

Spot

Market:

transactions

exchanged

spot markets refer

to those markets

where goods are

money payable either immediately

or within a short

span of time. For

example, grains sold in the Mandi

at the current prices and cash is

paid immediately. Thus is a part of Spot Market.

Spot

for

payable

The elements of a market are:

- Buyers sellers; A product or
- service; · Bargaining for a price;
- Knowledge about market conditions; and
- One price for a product or service at a given time.

Forward Future Market: In this market, transactions involve contracts with a promise to pay and deliver goods at some future date. For example, purchase foreign currency contract at future rate from bank.

In **Economics** generally classification markets is made on the basis of

- · Geographical Area
- Time
- · Nature of transaction
- Regulation Volume of
- business Type of Competition

Wholesale Market: The wholesale market is the market where the commodities are bought and sold in bulk or large quantities. Transactions generally take place between traders. i.e. Business to Business (B2B).

Retail Market: When the commodities are sold in small quantities, it is called retail market. This is the market for ultimate consumers. i.e.

Perfect Competition: Perfect competition is characterised by many sellers selling identical products to many buyers Monopoly: It is a situation Oligopoly: where there is a single There are a few seller producing for sellers selling many buyers. Its product Theoretical competing products is necessarily extremely differentiated since there to many buyers. For Market example, Ťelecom Industry. are no competing sellers producing products which are close substitutes. For example. Indian Monopolistic Railways. Competition: It differs in only one respect. Namely, there are many sellers offering differentiated products to many buyers. For example, shampoo manufacturers.

Distinguishing Features of Major Types of Markets

| Assumption | | Market 7 | Гуреѕ | |
|---|------------------------|-----------------------------|---------------------|----------------------|
| | Perfect Competition | Monopolistic Competition | Oligopoly | Monopoly |
| Number of sellers | Very large | Large | Small numbers | One |
| Product differentiation | None | Slight | None to substantial | Extreme |
| Price elasticity of demand of a firm | Infinite | Large | Small | Small |
| Degree of control over price | None | Some | Some | Very considerable |

Concepts of Total Revenue, Average Revenue & Marginal Revenue

Total revenue refers to the amount of money which a firm realises by selling certain units of a commodity.

Average revenue is the revenue earned per unit of output

Marginal revenue is the change in total revenue resulting from the sale of an additional unit of the commodity

Business to Consumer (B2C).

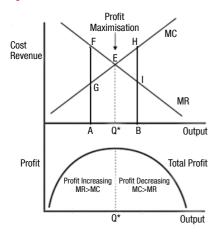
MR = AR $\times \frac{e-1}{e}$ Where e = price elasticity of demand.

Behavioural Principle

Principle 1- A firm should not produce at all if its total variable costs are not met.

Principle 2 - The firm will be making maximum profits by expanding output to the level where marginal revenue is equal to marginal cost.

Equilibrium of the Firm: Maximisation of Profits

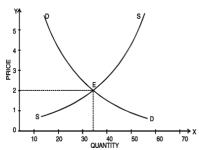


The firm will maximise profits at the point at which marginal revenue is equal to marginal cost.

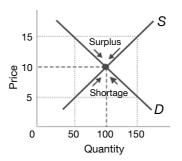
Determination of Prices

In an open competitive market, it is the interaction between demand and supply that tends to determine equilibrium price and quantity

Determination of Equilibrium Price

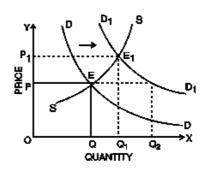


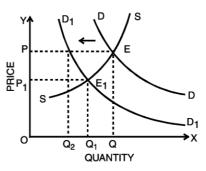
Stable equilibrium is achieved through price mechanism or market mechanism. If the market price is above the equilibrium price, the market supply is greater than market demand and there is an excess supply or surplus in the market. Competing sellers will lower prices in order to clear their unsold stock. As we know, other things remaining constant, as price falls quantity demanded rises and quantity supplied falls. In this process, the supply-demand gap is reduced and eventually eliminated thus restoring equilibrium.



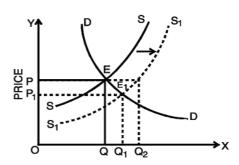
Stable Equilibrium

Increase in Demand, causing an increase in equilibrium price and quantity



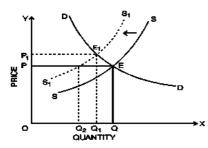


Decrease in demand resulting in a decrease in price and quantity demanded



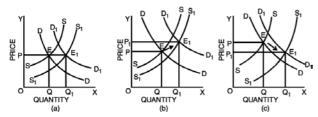
Increase in supply, resulting in decrease in equilibrium price and increase in quantity supplied

BUSINESS ECONOMICS



Decrease in supply causing an increase in the equilibrium price and a fall in quantity demanded

It sometimes happens that events shift both the demand and supply curves at the same time. This is not unusual in real life, supply curves and demand curves for many goods and services typically shift quite often because of continuous change in economic environment. During a war, for example, shortage of goods will often lead to decrease in their supply while full employment causes high total wage payments which increase demand.

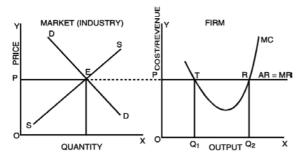


Simultaneous change in demand and supply

Perfect Competition

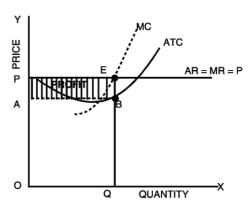
- A firm is in equilibrium when it's MC = MR and MC curve cuts the MR curve from below.
- In the short run, firms may be earning normal profits, supernormal profits or making losses at the equilibrium price.
- In the long-run all the supernormal profits or losses get wiped away with entry or exit of the firms from the industry and all firms earn only normal profit.
- In the long run, in perfect competition, the market mechanism leads to an optimal allocation of resources.

In the short run, a firm operates with a fixed amount of capital and must choose the levels of its variable inputs so as to maximise profit.



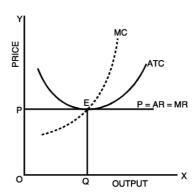
Equilibrium position of a firm under perfect competition

When a firm earns supernormal profits, its average revenues are more than its average total cost. Thus, in addition to normal rate of profit, the firm earns some additional profits.



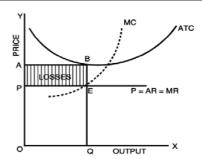
Short run equilibrium: Supernormal profits of a competitive firm

Normal Profit: When a firm just meets its average total cost, it earns normal profits. Here AR = ATC.

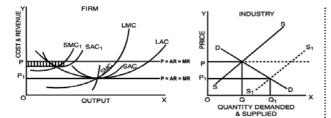


Short run equilibrium of a competitive firm: Normal profits

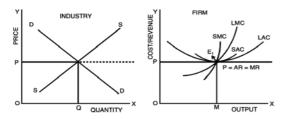
If a firm is unable to meet its average variable cost, it will be better for it to shut down. This shutdown may be temporary. When the market price rises, the firm resumes production.



Short run equilibrium of a competitive firm: Losses



Long run equilibrium of the firm in a perfectly competitive market



Long run equilibrium of a competitive industry and its firms

In the long run,

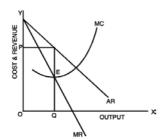
LAR = LMR = P = LMC = LAC and there will be optimum allocation of resources.

Monopoly

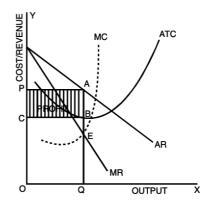
- Monopoly is an extreme form of imperfect competition with a single seller of product which has no close substitute.
- Since the monopolist firm is the only producer of a particular product, its demand curve is identical with the market demand curve for the product.
- Since a monopoly firm has market power it has the ability to charge a price above marginal cost and earns a positive economic profit.
- The fundamental cause of monopoly is barriers to entry; in effect other firms cannot enter the market.
- In the long-run, the supernormal profit will be continued because entry is restricted.

The twin Condition for Equilibrium is a monopoly market and are the same as that of a firm in a competitive industry.

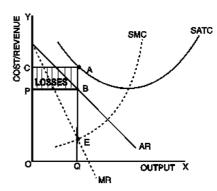
- The marginal revenue should be equal to the marginal cost. i.e., MR = MC.
- The MC curve should cut MR curve from below. In other words, MC should have a positive slope.



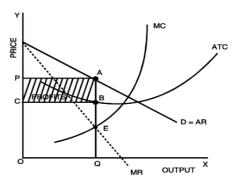
Equilibrium of a monopolist (Short run)



Firm's equilibrium under monopoly: Maximisation of profits



Equilibrium of the monopolist: Losses in the short run



Long run equilibrium of a monopolist

Price Discrimination

Price discrimination is a method of pricing adopted by a monopolist in order to earn abnormal profits. It refers to the practices of charging different prices for different units of the same commodity.

Condition for Price Discrimination

The seller should have some control over the supply of his product i.e. the firm should have price-setting power. Monopoly power in some form is necessary (not sufficient) to discriminate price.

The seller should be able to divide his market into two or more sub-markets.

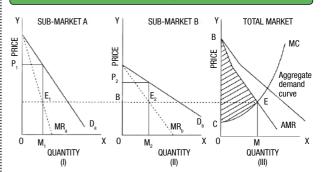
The price-elasticity of the product should be different in different sub-markets. The monopolist fixes a high price for his product for those buyers whose price elasticity of demand for the product is less than one. This implies that, when the monopolist charges a higher price from them, they do not significantly reduce their purchases in response to high price.

It should not be possible for the buyers of low-priced market to resell the product to the buyers of high-priced market i.e there must be no market arbitrage.

Equilibrium under price discrimination

In order to reach the equilibrium position, the discriminating monopolist has to make three decisions:

- · How much total output should he produce?
- How the total output should be distributed between the two sub-markets? and
- · What prices he should charge in the two sub-markets?



Fixation of total output and price in the two sub-markets by the discriminating monopolist

ANNOUNCEMENT

MEGA CA Students Conference – NIRC of ICAI

Dates: 3rd & 4th September, 2022 Venue: Hyatt Centric, Janakpuri New Delhi- 110058 Organised by: SSEB, Board of Studies-(Operations), ICAI Hosted by: NIRC of ICAI & NICASA of NIRC of ICAI Theme: अभिव्यक्ति: Discover the 'YOU'

| Day 1 | | | |
|-----------------------|--|--|--|
| 10.30 AM to 12.00 | Technical Session: I: Topic: Direct Taxes - REIT & its taxability in India; Digital economy & its taxation; | | |
| Noon | TDS 194Q vs TCS 206 (IH) – detailed analysis; Business Connection vs Permanent Establishment. | | |
| 12.00 Noon to 1.00 PM | Special Session: I: Interaction with Chairman and Vice-Chairman, SSEB, Board of Studies- (Operations), | | |
| | IČAI | | |
| 1.00 PM to 02.00 PM | Special Session: II: Topic: Industry Insights. | | |
| 03.00 PM to 04.30 PM | Technical Session: II: Topic: GST- E-invoicing: impact on businesses in India; Fake invoice & Fake ITC | | |
| | under GST; Most Litigated issues in GST: a detailed analysis; Seamless ITC is a Myth. | | |
| 04.30 PM to 05.30 PM | Motivational Session: I: Topic: Importance of mental balance in students' life | | |
| Day 2 | | | |
| 10.00 AM to 11.30 AM | Technical Session: III: Topic: Audit & Law- ESG (sustainability reporting): a journey, not a destination; | | |
| | Traditional Audit vis a vis Forensic Audit; Recent changes in schedule 3 of companies Act; Role of Auditor | | |
| | in improving governance. | | |
| 11.30 AM to 12.30 PM | Special session: III: Topic: Azadi ka Amrit Mahotsav | | |
| 12.30 PM to 02.00 PM | Technical Session: IV: Topic: Business & Economy- "Ease of doing business index"- a true reflection of | | |
| | business activity in the country?; Start-up India initiative: a boost to entrepreneurship & economy; Role of | | |
| | CAs in achieving \$5 trillion economy; Corporate restructuring: road to recovery | | |
| 03.00 PM to 04.30 PM | Technical Session: V: Topic: Finance & Technology- Is premium listing of loss making startups worth?; | | |
| | Role of cryptocurrency in global market; AI, Cloud computing, Robotics: mastering newer skills for pro- | | |
| | fessional growth; Future of Decentralised Autonomous Organisations (DAOs), Decentralised Finance & | | |
| | Metaverse in India. | | |
| 04.30 PM to 05.30 PM | Special Session: IV: Topic: Importance of GURUs in students' life. | | |

Students Eligible to attend the Students Conference: Students who have registered as Intermediate Students/ Students who are pursuing their articleship training/ students who have completed their Practical Training but could not qualify their final examinations may attend the conference till next one year from the date of completion of Practical Training. (Foundation Students and Students who have completed one year beyond their articleship training will not be eligible to register for these Conferences).

| Registration fees | Rs. 500/- per student | Accommodation (if required) @ Rs. 1500/- per student per day. | |
|-------------------|------------------------|--|--|
| Payment Mode | Link on the Students A | Link on the Students Activity Portal : https://bosactivities.icai.org/ | |

CA. Sushil Kumar Goyal, Conference Chairman & Chairman, SSEB, BOS-O; CA. Sridhar Muppala, Conference Co-Chairman & Vice-Chairman, SSEB, BOS-O; CA. Hans Raj Chugh, Conference Director, Central Council Member, ICAI; CA. Naveen Garg, Chairman, NIRC of ICAI & CA. Pitam Goel, Chairman, NICASA of ICAI, Conference Coordinators.

MEGA CA STUDENTS CONFERENCE – PIMPRI CHINCHWAD

Dates: Sat 3rd & Sun 4th September 2022

Venue: Natsamrat Nilu Phule Rangmandir, HRM8+J75, Lane Number 3, Samrjya Housing Society,
Vinayak Nagar, Pimple Gurav, Pimpri-Chinchwad
Organised by: SSEB, Board of Studies-(Operations), ICAI
Hosted by: Pimpri Chinchwad Branch of WIRC of ICAI & Pimpri Chinchwad Branch of WICASA of ICAI

Theme: "Anved – Blessed with Knowledge"

| Day 1 | |
|----------------------|---|
| 10.00 AM to 10.30 AM | Inaugural Session |
| 10.30 AM to 12.15 PM | Technical Session: I: Topic: Tax Audit -Tax Audit Report and Its Intricacies; Prevention of Money Laun- |
| | dering Act; Changing Auditor's Roles, Challenges and Opportunities. |
| 12.15 PM to 1.15 PM | Special Session: I: Interaction with SSEB, Board of Studies-(Operations), ICAI. |
| 01.15 to 02.00 PM | Special Session: II: Topic: Offsite Accounting- Offshore / Offsite Accounting; Global Financial Reporting |
| | Practices (USA/UK/Australia/Singapore); CA as a CFO a Key Player. |
| 03.00 PM to 04.15 PM | Technical Session: II: Topic: Technology & Environment- Blockchain - Metaverse/NFT - and its Rel- |
| | evance in CA Profession; Robotics Process Automation in CA profession; Practicing Sustainable Growth. |
| 04.15 PM to 05.30 PM | Motivational Session: I |
| Day 2 | |
| 10.00 AM to 11.30 AM | Technical Session: III: Topic: GST - GST Litigation – Future Professional; Burning issues in ITC under |
| | GST Law; Recent Amendments and its Implications. |
| 11.30 AM to 12.30 PM | Motivational Session: II: Motivational Session- Unleash the Genius within You. |
| 12.30 PM to 01.45 PM | Technical Session: IV: Topic: Stock Market & Other Management Techniques- 3 Pillars of Reasonable |
| | Investor; Time Management Techniques; Emotion Control Techniques. |
| 02.30 PM to 04.00 PM | Technical Session: V: Topic: Shark Tank Session- Ideas@75 |

Students Eligible to attend the Students Conference: Students who have registered as Intermediate Students/ Students who are pursuing their articleship training/ students who have completed their Practical Training but could not qualify for their final examinations may attend the conference till next one year from the date of completion of Practical Training. (Foundation Students and Students who have completed one year beyond their articleship training will not be eligible to register for these Conferences).

| Registration fees | Rs. 400/- per student | Accommodation (if required) @ Rs. 1500/- per student per day. | |
|-------------------|------------------------|--|--|
| Payment Mode | Link on the Students A | Link on the Students Activity Portal : https://bosactivities.icai.org/ | |

CA. Sushil Kumar Goyal, Conference Chairman & Chairman, SSEB, BOS-O; CA. Sridhar Muppala, Conference Co-Chairman & Vice-Chairman, SSEB, BOS-O; **CA. Chandrashekhar Vasant Chitale,** Conference Director, Central Council Member, ICAI; **CA. Vijaykumar Bamne,** Chairman, Pimpri Chinchwad Branch of WICASA of ICAI, Conference Coordinators.

Mega CA Students Conference – VASAI

Dates: 10th & 11th September 2022 Venue: Vasai Branch, Bhayander (West) Organised by: SSEB, Board of Studies-(Operations), ICAI Hosted by: Vasai Branch of WIRC of ICAI & Vasai Branch of WICASA of ICAI Theme: "Angatham- A peek into the future"

| Day 1 | |
|----------------------|---|
| 9.30 AM to 10.15 AM | Inaugural Session |
| 10.15 AM to 11.00 AM | Special Session: I: Interaction with Chairman and Vice-Chairman, SSEB, Board of Studies- (Operations), ICAI. |
| 11.00 AM to 12.30 PM | Technical Session: I: Topic: Capital Markets and Finance - Creating Value through Financial Management; Return potential in Equity Markets; The Era of Stock Listings. |
| 12.30 PM to 1.30 PM | Special Session: II |
| 02.30 PM to 04.00 PM | Technical Session: II: Topic: Evolutionary Technologies- How AI impact Audit, Accounts and Finance; |
| | Forensic Audit; Growth of Cryptocurrency - Blockchain Technology. |
| 04.00 PM to 05.00 PM | Special Session: III: Topic: Networking – A New Age Skill |
| Day 2 | |
| 10.00 AM to 11.30 AM | Technical Session: III: Topic: Entrepreneurship- All about Startup; CA as a CFO of a company; Risk & Challenges in Entrepreneurship - Tackle them. |
| 11.30 AM to 1.00 PM | Special Session: IV: Topic: Panel – CA Avenues Post Qualification |
| 2.00 PM to 3.30 PM | Technical Session: IV: Topic: Macro-economics- Recent Trade War Opportunities for India due to world |
| | Circumstances; Changes needed in the economy to make India 'A SUPERPOWER'; How to make India better |
| | in Ease Of Doing Business Index. |
| 03.30 PM to 04.30 PM | Special Session V: Topic: GST Assessment & Litigation |

Students Eligible to attend the Students Conference: Students who have registered as Intermediate Students/ Students who are pursuing their articleship training/ students who have completed their Practical Training but could not qualify their final examinations may attend the conference till next one year from the date of completion of Practical Training. (Foundation Students and Students who have completed one year beyond their articleship training will not be eligible to register for these Conferences)

| Registration fees | Rs. 500/- per student | Accommodation @ Rs. 1500/- per day. | | |
|-------------------|------------------------|--|--|--|
| Payment Mode | Link on the Students A | Link on the Students Activity Portal : https://bosactivities.icai.org/ | | |

CA. Sushil Kumar Goyal, Conference Chairman & Chairman, SSEB, BOS-O; CA. Sridhar Muppala, Conference Co-Chairman & Vice-Chairman, SSEB, BOS-O; CA. Durgesh Kabra, Conference Director, Central Council Member, ICAI; CA. Sorabh Agrawal, Chairman, Vasai Branch of WIRC of ICAI & CA. Shrikrishna Purohit, Chairman, Vasai Branch of WICASA of ICAI, Conference Coordinators.



The Institute of Chartered **Accountants of India**



(Set up by an Act of Parliament)

ALL THE STUDENTS ARE REQUESTED TO JOIN THE

eacher **CELEBRATIONS**

Monday, 5th September, 2022

(Presentation Competition by CA Students)

"Role of Guru in My Life"

As a mark of tribute to the Role of Guru in our life, there will be Presentation Competition which will be organised by the **Branches & Regional** Council of ICAI

For the programme details and venue:

Kindly contact your nearest Branch/Regional Council







Live Programme will be telecasted on 5th September, 2022 from 6:00 PM to 7:00 PM at https://live.icai.org/sseb/05092022/

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The Institute of Chartered Accountants of India

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Four Weeks Residential Programme On Professional Skills Development

at

Centre of Excellence Hyderabad (for Girls)
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VENUE : Centre of Excellence (CoE), Jaipur

PARTICIPANTS : Boys (CA Students)

FEES : Rs. 48,000/- Rs. 12,000/-

DATE (FROM & TO) : 12th September to 8th October, 2022



VENUE : Centre of Excellence (CoE), Hyderabad

PARTICIPANTS : Girls (CA Students)

FEES : Rs. 48,000/- Rs. 12,000/-

DATE (FROM & TO): 19th September to 15th October, 2022

Eligibilty: CA students who have completed one year of articleship are eligible to join the course.

Registration on First come first basis and batches will be allotted as per eligibility.

Disclaimer: The scheme of Four weeks Residential Program may be modified or altered at any time. All decisions about the aforesaid scheme shall be at the sole discretion of ICAI and binding on all. ICAI reserves the right to change the dates and other modalities as per the requirement.

Contact Details

For further assistance please contact : Mobile No. 9958121521 Email Id- smita.taneja@icai.in Postal Registration: DL(C)-01/1280/2021-23, License To Post Without Prepayment, WPP Licence No.: MR/Tech/WPP-247/DL(C)/2022-23 Posted at Patrika Channel Sorting Office, Mumbai - 400001 Posting Date: Last Three Days of Advance Month and first four days of current month days/ dates only Date of publication: 26th of previous month

CROSSWORD - SEPTEMBER 2022

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ACROSS

- ____ ratio indicates how much of a bank's total deposits are in both current and savings accounts.
- The state of not being imprisoned or enslaved.
- 10. An agency of the United Nations responsible for providing humanitarian and developmental aid to children worldwide.
- 11. A fixed payment amount made by a borrower to a lender at a specified date each calendar month.
- 12. A regional trade organisation and free trade area consisting of four European states.
- 13. A surname of Scottish origin.
- 14. Abbre: Royal Naval Special Reserve.
- 17. _____ is paid by the government to its employees as well as a pensioner to offset the impact of inflation.
- 18. Abbre : Eating in the Absence of Hunger.
- 19. The percentage of a bank's total deposits that it needs to maintain as liquid cash.
- 22. A public deemed research university located in Mumbai.
- 25. Non-profit organisation in Dryden, Canada
- 27. _____ is a consulting transformation and digital service business.
- 29. Dishonest or fraudulent conduct by those in power, typically involving bribery.
- 31. ____ Ratio is the measure of the share price relative to the annual net income earned by the firm per share.
- 32. A term used when a security is believed to be trading at a level above its intrinsic or fair value.
- 33. A prestigious college and it comes 9. under St. Xavier's.
- is to provide medium and long-term loans and advances to industrial and manufacturing concerns.
- 38. An autonomous body under MOCI, Govt. of India provides packaging training, testing, certification, consultancy.
- 40. An all India pre-medical entrance test.
- 41. A peer-to-peer cryptocurrency that

- lets a party securely send money 44. to anyone else around the world in minutes, without the need of a 45. bank.
- 42. _____is the central hub for athletic clubs across Greater Manchester.
- The measure of a company's net income divided by its shareholders' equity.
- 45. A non-governmental trade association and advocacy group.
- 47. A measure of the amount of cash generated by a company's normal business operations.
- 48. The free trade arrangement of the South Asian Association for Regional Cooperation.

DOWNWARD

- 1. A medium of exchange for goods and services.
- The form of the indefinite article used before words beginning with a vowel sound.
- 3. The international system of units used for scientific measurements.
- A Taiwanese multinational company that is in the hardware and electronics business.
- An algorithm that computes the discrete Fourier transform of a sequence, or its inverse.
- A law enforcement agency and economic intelligence agency.
- The officer responsible for implementing the programmes for elementary education at district level.
- 8. ____oversees the performance of federal agencies, and administers the federal budget.
- is the overnight lending offered rate for Indian commercial banks.
- The controlled distribution of scarce resources.
- 15. An intergovernmental military alliance between 30 member states.
- 16. _____ is one of the world's leading technology manufacturers.
- 20. A British professional membership body dedicated to improving the practice of medicine.

- 21. A fixed amount of money that something costs or that somebody is paid.
- 23. A UK-based television production company.
- 24. An electronic message telling you that your order, invoice, etc. has been received.
- 26. The name given to the United Kingdom's departure from the European Union.
- 28. One of the most well-known mathematical constants.
- 30. A measure of company profitability used by investors.
- 32. A huge body of saltwater that covers about 71 percent of Earth's surface.
- 34. The official criminal code of India.
- 36. An official Act that consolidates and amends laws regulating foreign exchange in India.
- 37. A tangible sign of European identity.
- 38. An Indian Government export promotion agency for the distribution of and sale of Indian products internationally.
- is a dedicated World Bank Group's program that facilitates access to finance for smallholder farmers etc.
- 44. ____certifies that the construction of the building has complied with the approved plans.
- 45. _____ is a qualified financial professional who manages budgets, auditing, taxes and business strategies for their clients.
- 46.____ is the use of any computers, storage, networking and other physical devices.

If undelivered, please return to: The Institute of Chartered Accountants of India, ICAI Bhawan, Indraprastha Marg, New Delhi-110002