



Prahladrai Dalmia Lions College of Commerce & Economics

(Government Aided & Affiliated to University of Mumbai & AICTE, New Delhi) NAAC Re- accredited with 'A' Grade (III Cycle)

ISO 21001: 2018 Certified

University of Mumbai Recognized Research Centre in Accountancy,
Commerce & Business Economics

A Government Approved Hindu Linguistic Minority Institute
52 Years of Sterling Performance in Education

Date: 03/02/2026

NOTICE

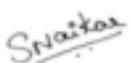
B. COM (INVESTMENT MANAGEMENT)

FYBIM (Semester II)

CIA Internal Project Assignment Submission

Instructions for the students for internals projects submission:

1. Date & Time of Assignment Submission - **As per the time table given below.**
2. Students have to be present in person for the submission.
3. Internal project topics are also uploaded on the college website.
4. Submission of projects or assignments to be done on proper A4 size paper, handwritten by the candidate himself only.
5. The Front page should contain details of Roll no, Name of the student, Semester, Subject along with certificate provided by the class mentors.
6. If the student fails to present himself on the given date and time he will be marked **ABSENT** for the said subject.
7. Any Submissions after the above mentioned date and time will not be accepted and entertained under any circumstances.
8. **Students have to maintain a minimum of 50% attendance in the subject to submit the assignment.**

		
Ms.Mansi Bafna	Ms.Subhashini Naikar	Prof.(Dr.)D.N.Ganjewar
(BIM Co-ordinator)	(Vice-Principal, SFC)	(Principal)

DI/R-IPS/EXAM/00

SCHEDULE OF VIVA VOCE FYBIM

Sr. No	Date	Day	Time	Name of Course	Name of Faculty
1	09/02/2026	Monday	11.00 am to 12.40 pm	Entrepreneurship Development	Ms. Namrata M.
2	09/02/2026	Monday	1.10 pm to 2.50 pm	Hindi	Mr. Rajesh Y.
3	10/02/2026	Tuesday	11.00 am to 12.40 pm	Financial Mathematics	Mr. Aditya M.
4	10/02/2026	Tuesday	1.10 pm to 2.50 pm	Investment Marketing	Mr. Jainish G.
5	11/02/2026	Wednesday	11.00 am to 12.40 pm	Basics of Investment Management	Ms. Shweta G.
6	11/02/2026	Wednesday	1.10 pm to 2.50 pm	Investment Products	Mr. Vishwajeet C.
7	13/02/2026	Friday	1.10 pm to 2.50 pm	Laws of torts and consumer protection	Dr. Malvika K.
8	14/02/2026	Saturday	11.00 am to 12.40 pm	Basics of service and industry management	Ms. Namrata M.
9	14/02/2026	Saturday	1.10 pm to 2.50 pm	Environmental management and sustainable development	Ms. Anshu J.

SUBJECT- BOIM

Assignment – FYBIM

1. Find present value of Rs. 50,000 to be received after 10 years at 10% compound annually.
2. Find out future value of an annuity if payment of Rs. 500 is made annually for 7 years at interest rate 14%, compounded annually.
3. You invested Rs. 24,000 at an annual rate of interest of 10%. What is the amount after 3 years if compounding is done:
 - Annually, Semi-annually and Quarterly
4. A project has investment of Rs. 10 lakhs. Its cash flows for 5 years are Rs. 3L, 3.6L, 3L, 2.64L, 2.4L. Calculate NPV if discount factor is 16%.
5. Cost of machine: 15 lakhs
Life: 5 years, Annual income: 4 lakhs every year
Discount factor: 12%. Calculate NPV.
6. Rishabh purchased 250 shares at Rs. 200 each, paid brokerage @1% on 1st April 2022. Received dividend Rs. 250, 125, 250. Sold all shares at Rs. 300, paid brokerage @1%. Calculate HPR & AR.
7. Sam purchased 500 shares at Rs. 97 each, paid 2% brokerage on 1st Jan 2022. Received dividend Rs. 250 & 250. Sold all shares on 31st Dec 2023 at Rs. 115 each. Calculate HPR & AR.
8. Find out future value of Rs. 30,000 for 5 years at 9%. How much will you get at maturity?
9. Distinguish between Investment and Speculation.
10. Define interest rate & state factors affecting interest rate.
11. Explain in detail SMART Goals.
12. State the need for Debt Management.
13. When to start investing?
14. Short-term Debt vs Long-term Debt.
15. Explain the Refinancing Concept.

SUBJECT- HINDI

१. वाचन कौशल का अर्थ, स्वरूप एवं विशेषताओं पर सविस्तार उत्तर लिखिए।
२. भाषण कौशल का महत्व एवं उपयोगिता पर सविस्तार उत्तर लिखिए ।

SUBJECT- INVESTMENT MARKETING

Select any brand of your choice -

- Research about the brand - introduction, history etc
- Marketing strategy -
- 4 p's of the brand -
- Swot analysis of the brand -
- List of products or services -
- Promotional strategy -
- Competitor analysis -
- If you have to invest 1 cr explain investment techniques for that brand?
- Make one poster or flyer for the new product launch of that brand
- Make one teaser video of that selected brand
- Think about any new product from the same brand but it should be different and unique
- Product description and details
- Cost analysis

SUBJECT- INVESTMENT PRODUCTS

Listed company:-

- 1- History
 - 2- Market share last year
 - 3 - Company business industry trends goods
 - 4 - Advantages & Disadvantages
 - 5- Company profit, Net worth, Revenue
 - 6- Your suggestion for 1 year to 15 years investment
 - 7 - Add info : - Company big compititor
- Market News
 - Dividend declare/ split of share/ bonus share
 - 8- Your learning

SUBJECT- LAW OF TORTS AND CONSUMER PROTECTION

PROJECT TOPICS ON TORTS AND CONSUMER PROTECTION

FYBIM

SEM 2

1. The Impact of Product Liability on Consumer Protection: A Comparative Analysis (ROLL.NO. 1,16,31,46,61)
2. Consumer Rights and Tort Claims: The Role of Negligence in Protecting Consumers.(2,17,32,47,62)
3. The Intersection of Tort Law and Consumer Protection Legislation: A Global Perspective(3,18,33,48)
4. The Role of Tort Law in Redressing Consumer Harm from Defective Products.(4,19,34,49)
5. Torts and Consumer Protection in E-commerce: Navigating Online Consumer Rights(5,20,35,50)
6. The Liability of Manufacturers for Harmful Products: A Consumer Protection Perspective(6,21,36,51)
7. Tort Remedies and the Effectiveness of Consumer Protection Laws in Cases of Fraud.(7,22,37,52)
8. Class Actions in Consumer Protection: A Tort Perspective on Collective Redress(8,23,38,53)
9. Consumer Protection Against Negligent Misrepresentation in Tort Law(9, 24,39,54)
10. Tortious Interference with Consumer Contracts: A Growing Concern in Consumer Protection(10,25,40,55)
11. Exploring the Role of Strict Liability in Consumer Protection.(11,26,41,56)
12. Tortious Claims for Data Breaches: The Role of Consumer Protection Laws in the Digital Age(12,27,42,57)
13. Comparing Tort Claims and Consumer Protection Remedies in the Context of Medical Malpractice(13, 28,43,58)
14. Consumer Protection in the Wake of Tortious Infringements: A Study of Remedies and Enforcement(14,29,44,59)
15. Exploring the Legal Boundaries Between Contract Law and Tort Law in Consumer Protection (15,30,45,60)

SUBJECT- ENVIRONMENTAL MANAGEMENT AND SUSTAINABLE DEVELOPMENT

Document one national case study related to the environment and sustainable development

SUBJECT- ENTREPRENEURSHIP DEVELOPMENT

Assignment Guidelines (Select Any 2 Topics) from the topics mentioned below-

1. **Meaning, Nature, and Importance of Entrepreneurship** in economic development
2. **Entrepreneur vs Manager:** roles, mindset, and decision-making differences
3. **Characteristics and Competencies of a Successful Entrepreneur**
4. **Types of Entrepreneurs:** innovator, imitator, social, serial, lifestyle, etc.
5. **Entrepreneurial Motivation:** need for achievement, risk-taking, and goal orientation
6. **Entrepreneurship Ecosystem:** key elements (government, finance, education, incubators)
7. **Entrepreneurial Process:** idea generation to launching and growth stages
8. **Opportunity Identification and Evaluation:** sources of ideas and screening methods
9. **Creativity and Innovation in Entrepreneurship:** concepts and models
10. **Business Model Basics:** meaning, components, and common business model types
11. **Feasibility Study:** market, technical, financial, and organizational feasibility
12. **Business Plan:** objectives, structure, and importance for startups
13. **Forms of Business Ownership:** sole proprietorship, partnership, LLP, company—comparison
14. **Startup Financing:** bootstrapping, bank finance, angel investors, venture capital, crowdfunding
15. **Marketing for Startups:** STP, 4Ps/7Ps, branding, and customer acquisition basics
16. **Entrepreneurial Finance Basics:** cost, revenue, break-even analysis, and cash flow
17. **Legal and Regulatory Framework for Startups in India:** registrations, licenses, compliance overview
18. **Government Support for Entrepreneurship in India:** MSME support, Startup India, schemes overview
19. **Women Entrepreneurship:** challenges, opportunities, and support mechanisms
20. **Social Entrepreneurship:** concept, models, and impact measurement basics

GUIDELINES FOR THE ASSIGNMENT-

- A. Introduction**
- B. Key Definitions / Concepts**
- C. Detailed Explanation**
- D. Diagram / Flowchart / Table**
- E. Advantages and Limitations**
- F. Applications / Examples**
- G. Conclusion**

Length and Presentation

- **Total length:** 10–12 pages (A4) excluding cover page.

Diagram Requirement (Important)

- Each topic must include **at least one** of the following:
 - Flowchart, block diagram, conceptual framework, comparison table, or labeled illustration.
- Diagrams can be hand-drawn and must be **neat and labeled**.

SUBJECT- BASICS OF INDUSTRY AND SERVICE MANAGEMENT

Assignment Guidelines (Select Any 2 Topics) from the topics mentioned below-

- 1. Meaning, Scope, and Importance of Industry and Service Management**
- 2. Differences Between Manufacturing and Service Operations** (features, challenges, examples)
- 3. Types of Industries:** Primary, Secondary, Tertiary—structure and role in the economy
- 4. Classification of Services:** Consumer vs business services; public vs private services
- 5. Functions of Operations/Production Management** in an organization
- 6. Productivity Concept:** Meaning, factors affecting productivity, and improvement methods
- 7. Capacity Planning:** Concepts, types of capacity, and strategies for capacity decisions
- 8. Facility Location:** Factors affecting location decisions and comparison of location methods
- 9. Plant Layout Types:** Product, process, fixed-position, cellular—advantages and limitations
- 10. Basics of Work Study:** Method study and time study—steps and benefits
- 11. Quality Management Fundamentals:** Quality concepts, dimensions, and cost of quality
- 12. Total Quality Management (TQM):** Principles, tools, and benefits in industry/services
- 13. Introduction to Supply Chain Management:** Components and significance in operations
- 14. Inventory Management Concepts:** Need, types of inventory, and inventory costs
- 15. Material Handling Systems:** Principles, objectives, and types of material handling equipment
- 16. Maintenance Management:** Breakdown vs preventive vs predictive maintenance
- 17. Standard Operating Procedures (SOPs):** Importance, format, and role in service consistency
- 18. Service Design and Delivery:** Service concept, service package, and service process design
- 19. Service Quality and Customer Satisfaction:** Concepts and relationship (theoretical framework)
- 20. Role of Technology in Industry and Services:** Automation, ERP basics, and digital service delivery

GUIDELINES FOR THE ASSIGNMENT-

- A. Introduction**
- B. Key Definitions / Concepts**
- C. Detailed Explanation**
- D. Diagram / Flowchart / Table**
- E. Advantages and Limitations**
- F. Applications / Examples**
- G. Conclusion**

Length and Presentation

- **Total length:** 10–12 pages (A4) excluding cover page.

Diagram Requirement (Important)

- Each topic must include **at least one** of the following:
 - Flowchart, block diagram, conceptual framework, comparison table, or labeled illustration.
- Diagrams can be hand-drawn and must be **neat and labeled**.

FYBIM FINANCIAL MATHEMATICS II

NOTE:

- 1. Write answer in A4 size project paper on both side. Also attach graph paper wherever required.**
- 2. 1st page must be certificate and then assignment.**
- 3. No file is required. Just staple the assignment along with certificate.**
- 4. Don't change the question number and sequence allotted to respective student roll number.**

ROLL NUMBER	ATTENDANCE PERCENTAGE	SUM NUMBER TO BE SOLVED	Total Number of sums
101	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
102	100	5,7,10,15,20	5
103	33.33	2,4,5,7,9,10,11,12,13,14,15,16,17,18,19	15
104	33.33	2,4,5,7,9,10,11,12,13,14,15,16,17,18,19	15
105	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
106	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
107	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
108	50	1,3,5,7,9,11,12,13,15,17,19	11
109	100	5,7,10,15,20	5
110	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
111	50	1,3,5,7,9,11,12,13,15,17,19	11
112	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
113	66.67	1,3,13,14,16,18,19	7
114	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
115	16.67	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
116	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
117	33.33	2,4,5,7,9,10,11,12,13,14,15,16,17,18,19	15
118	16.67	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
119	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
120	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
121	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
122	50	1,3,5,7,9,11,12,13,15,17,19	11
123	50	1,3,5,7,9,11,12,13,15,17,19	11
124	16.67	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
125	33.33	2,4,5,7,9,10,11,12,13,14,15,16,17,18,19	15
126	66.67	1,3,13,14,16,18,19	7
127	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
128	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20

129	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
130	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
131	33.33	2,4,5,7,9,10,11,12,13,14,15,16,17,18,19	15
132	16.67	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
133	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
134	66.67	1,3,13,14,16,18,19	7
135	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
136	16.67	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
137	100	5,7,10,15,20	5
138	16.67	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
139	66.67	1,3,13,14,16,18,19	7
140	83.33	5,7,10,15,20	5
141	83.33	5,7,10,15,20	5
142	16.67	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
143	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
144	50	1,3,5,7,9,11,12,13,15,17,19	11
145	50	1,3,5,7,9,11,12,13,15,17,19	11
146	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
147	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
148	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
149	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
150	33.33	2,4,5,7,9,10,11,12,13,14,15,16,17,18,19	15
151	50	1,3,5,7,9,11,12,13,15,17,19	11
152	33.33	2,4,5,7,9,10,11,12,13,14,15,16,17,18,19	15
153	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
154	33.33	2,4,5,7,9,10,11,12,13,14,15,16,17,18,19	15
155	33.33	2,4,5,7,9,10,11,12,13,14,15,16,17,18,19	15
156	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
157	0	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
158	50	1,3,5,7,9,11,12,13,15,17,19	11
159	16.67	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20	20
160	33.33	2,4,5,7,9,10,11,12,13,14,15,16,17,18,19	15

1. From the following data calculate (i) I_L (ii) I_P (iii) I_F (iv) I_{DB} (v) I_{ME}

Commodity	Base year		Current year	
	Price(p_0)	Quantity(q_0)	Price(p_1)	Quantity(q_1)
A	2	20	3	30
B	4	15	5	20
C	3	40	6	50

2. From the following data calculate (i) I_L (ii) I_P (iii) I_F (iv) I_{DB} (v) I_{ME}

Commodity	Base year		Current year	
	Price(p_0)	Quantity(q_0)	Price(p_1)	Quantity(q_1)
A	2	40	6	60
B	4	15	5	30
C	3	30	6	50

3. Calculate cost of living index number for the following data.

Group	Weight(w)	Index number(I)
Food	48	160
Fuel and lighting	7	120
Clothing	10	140
House rent	10	100
Miscellaneous	15	80

4. Calculate cost of living index number for the following data.

Group	Index number(I)	Weight(w)
Food	221	35
Clothing	198	14
Fuel and lighting	190	15
House rent	183	8
Miscellaneous	161	20

5. Calculate cost of living index number for the following data.

Commodity	Quantity(q_0)	Unit	Price 2000(p_0)	Price 2006(p_1)
Rice	10	Kg	12	18
Wheat	15	Kg	9	15
Milk	5	Kg	18	24
Sugar	6	Kg	15	24
Pulse	8	Kg	30	36
Oil	4	Kg	48	72

6. Calculate cost of living index number for the following data.

Group	Price in 1999	Price in 2004	Weight
Food	5	12	60
Clothing	16	30	5
Fuel and lighting	10	25	10
House rent	20	60	15
Miscellaneous	18	36	10

7. Find chain base index number for the given data

Commodity	Average sales (in thousand)			
	2002	2003	2004	2005
A	35	39	42	45
B	38	45	52	60
C	42	51	56	65

8. Find chain base index number.

Commodity	Average sales (in thousand)			
	2003	2004	2005	2006
P	46	54	57	62
Q	23	25	30	32
R	18	22	25	28

9. Calculate index number using i) aggregative method ii) Average of price relative method

Items	Price	
	Base year(p_0)	Current year(p_1)
A	4	5
B	12	16
C	6	9
D	30	40
E	8	11

10. Fit straight line trend by least square method. Also plot graph.

Years	1999	2000	2001	2002	2003	2004	2005
Production	14	15	17	16	17	20	23

11. Find 3 yearly moving average of given time series. Also plot graph.

Years	1999	2000	2001	2002	2003	2004	2005
Production	14	15	17	16	17	20	23

12. Find 4 yearly moving average of given time series. Also plot graph.

Years	1999	2000	2001	2002	2003	2004	2005
Production	14	15	17	16	17	20	23

13. Find 5 yearly moving average of given time series. Also plot graph.

Years	1999	2000	2001	2002	2003	2004	2005
Production	14	15	17	16	17	20	23

14. Fit straight line trend by least square method. Also plot graph.

Years	1998	1999	2000	2001	2002	2003	2004	2005
Production	31	33	30	34	38	40	45	49

15. Find 3 yearly moving average of given time series. Also plot graph.

Years	1998	1999	2000	2001	2002	2003	2004	2005
Production	31	33	30	34	38	40	45	49

16. Find 4 yearly moving average of given time series. Also plot graph.

Years	1998	1999	2000	2001	2002	2003	2004	2005
Production	31	33	30	34	38	40	45	49

17. Find 5 yearly moving average of given time series. Also plot graph.

Years	1998	1999	2000	2001	2002	2003	2004	2005
Production	31	33	30	34	38	40	45	49

18. Find the seasonal component of the time series using method of seasonal indices

Year	Season	I	II	III	IV
2003		33	37	32	31
2004		35	40	36	35
2005		34	38	34	32
2006		36	41	35	36
2007		34	39	35	32

19. Fit straight line trend by least square method. Also plot graph.

Year	2000	2001	2002	2003
Index number	100	118	135	150

20. Fit straight line trend by least square method. Also plot graph.

Year	1986	1987	1988	1989	1990	1991	1992
Index number	110	130	150	175	180	200	210