



PRAHLADRAI DALMIA LIONS COLLEGE OF COMMERCE & ECONOMICS

ISO 9001 : 2015 Certified

Date :27st March, 2023





NOTICE

B. COM (INVESTMENT MANAGEMENT)

ATKT Internal Examination Semester I April, 2023

INSTRUCTIONS FOR THE STUDENTS HAVING ATKT IN INTERNALS:

- 1. Date of Submission of the Projects- 3rd April, 2023 at 02.00 pm in Classroom T3.**
- Project/ assignment has to be handwritten on A4 size paper or Foolscap paper. On top of every page student should write his name, Seat No. and Subject.
- Student is expected to write the question followed by the answer.
- On the date of submission there will be viva voce on the given questions. .If the student does not submit his/her assignment/project or does not give his viva voce then he will be declared as **ABSENT**.
- Any submission after the above mentioned date and time will not be accepted and entertained under any circumstance.
- Those students who had FILLED THE FORM & PAID THE FEES and still have NOT been allocated questions in the following list, please send a mail along with attachment of fee receipt to bimsfdept@dalmialionscollege.ac.in on or before 30th March 2023 12.00 noon.

			
Prof. Pankaj Jain	Prof. Durgesh Kenkre	Prof. Subhashini Naikar	Dr. Kiran Mane
(Coordinator)	(Exam convener)	(Vice- Principal, Degree SFC)	(I/c Principal)

DI/R-IPS/EXAM/00

Internal Questions for Semester I ATKT students

Subject: Introduction Financial System

Roll No. 144 KHAN FARID ZAHOOR

1. Write a note on Functions of a financial system
2. Write a note on Kinds of financial markets
3. Write a note on Kinds of financial institutions
4. Write a note on Meaning and features of financial regulators
5. Write a note on Evaluation of financial instruments

Subject: Basics of Investment and Wealth Creation

Roll No. 103 BHOSLE UNNATI GANESH

1. What is Investment? How it is different from savings and speculation?
2. What is investing and why it is necessary?
3. Mr. Sinha invested Rs 1,00,000 in stock market . After 2 months he received a dividend amount of Rs 2,000. He sold the shares after 8 months and received Rs 1,12,000. What is the holding period return in this case?
4. Net Present Value vs Future Value.

Roll No. 104 BILKHWAL DHARVI DILIP

1. Distinguish between Investments, Savings , Speculation?
2. Define Interest rate? Discuss the factors affecting the interest rate?
3. Mr. Sonu invested Rs 2,00,000 in stock market . After 2 months he received a dividend amount of Rs 20,000. He sold the shares after 8 months and received Rs 2,12,000. What is the holding period return in this case?
4. Growing Annuities and Inflation adjusted Annuities

Roll No. 111 GUPTA SONAL YOGESH

1. Explain the types of interest rate in detail with examples?
2. Explain SMART Goals or objectives in detailed manner?
3. Mr. Gupta (Age 59 years) received Rs 25,00,000 as his retirement benefits. He invested this amount in Bank Fixed Deposit. He plans to withdraw the interest amount periodically. The interest rate offered is 9.5%. The average inflation rate is 8%. What is the Real rate of return?
4. Nominal Rate of Return vs Effective Rate of Return

Roll No. 128 NISHAD KRITIKA JAINARAYAN

1. Financial assets VS Non- financial assets?
2. Debt management: Meaning, roles in investment and types .
3. Mr. Sumit (Age 49 years) received Rs 15,00,000 as his retirement benefits. He invested this amount in Bank Fixed Deposit. He plans to withdraw the interest amount periodically. The interest rate offered is 9.5%. The average inflation rate is 8%. What is the Real rate of return?
4. Compounded Annual rate of Return (CAGR) vs Real Rate of Return after adjusting of Return

Roll No. 132 SAYYED ARMAN ABDUL

1. Distinguish between short term vs long term debts, and mortgages .
2. Write short note on : In short answers pls try to cover all points.
3. Mr. Iyer invested Rs 1,00,000 in a mutual fund scheme. After 4 years, he sold the mutual fund units and received Rs 1,35,000. Calculate Holding period return and CAGR?
4. Net worth and its components

Roll No. 134 SINGH AMAN SANJEEV

1. What are financial statement analysis, discuss its use and types?
2. Discuss different types of business organisations with its advantages and limitations?
3. Mr. Gowda invests some amount in a bank fixed deposit. The interest rate offered is 9% pa, compounded quarterly. What is the effective annual rate in this case?
4. Total Assets – Net Worth and Financial Ratios

Roll No. 137 YADAV RISHIKESH KAMLESH

1. Define Risk? Discuss all the types of market risks in detail?
2. Short term products vs long term products?
3. Mr Kuberan has total assets worth Rs 50 Lakh (including house property, gold, bonds, shares etc..) and has an outstanding home loan amount of Rs 25 Lakh. He has taken a Term insurance life cover of Rs 30 Lakh. He earns an annual salary of Rs 5 Lakh. What is his Life insurance coverage ratio?
4. Debt to total assets vs savings Ratio

Roll No. 143 VISHWAKARMA AMAN SHASHI

1. Investment and investment psychology?
2. Risk appetite and Risk tolerance.
3. The Balance Sheet of Punjab Auto Limited as on 31-12-2002 was as follows:

Particular	Rs.	Particular	Rs.
Equity Share Capital	40,000	Plant and Machinery	24,000
Capital Reserve	8,000	Land and Buildings	40,000
8% Loan on Mortgage	32,000	Furniture & Fixtures	16,000
Creditors	16,000	Stock	12,000
Bank overdraft	4,000	Debtors	12,000
Taxation:		Investments (Short-term)	4,000
Current	4,000	Cash in hand	12,000
Future	4,000		
Profit and Loss A/c	12,000		
	1,20,000		1,20,000

From the above, compute (a) the Current Ratio, (b) Quick Ratio, (c) Debt-Equity Ratio, and (d) Proprietary Ratio.

4. Debt to income Ratio v/s debt to financial assets

Roll No. 144 KHAN FARID ZAHOOR

1. What is asset allocation. Discuss its types?
2. Explain all the types of asset allocation strategies with examples?
3. The Balance Sheet of Santa Auto Limited as on 31-12-2002 was as follows:

Particular	Rs.	Particular	Rs.
Equity Share Capital	40,000	Plant and Machinery	24,000
Capital Reserve	8,000	Land and Buildings	40,000
8% Loan on Mortgage	32,000	Furniture & Fixtures	16,000
Creditors	16,000	Stock	12,000
Bank overdraft	4,000	Debtors	12,000
Taxation:		Investments (Short-term)	4,000
Current	4,000	Cash in hand	12,000
Future	4,000		
Profit and Loss A/c	12,000		
	1,20,000		1,20,000

From the above, compute (a) the Current Ratio, (b) Quick Ratio, (c) Debt-Equity Ratio, and (d) Proprietary Ratio.

4. Liquidity Ratios

Roll No. 147 ANSARI MOHD AMAN ABDUL MALLIK

1. Wealth creation – its factors and principles.
2. Wealth protection and wealth erosion.
3. Mr Kuberan has total assets worth Rs 50 Lakh (including house property, gold, bonds, shares etc.) and has an outstanding home loan amount of Rs 25 Lakh. He has taken a Term insurance life cover of Rs 30 Lakh. He earns an annual salary of Rs 5 Lakh. What is his Life insurance coverage ratio?
4. Annuities – Immediate and Deferred

Subject: Introduction to Accounting - I**Roll No. 102 BENDKE VEDAN VINOD**

1. From the following data prepare a valued stock card for material ICE for the month of April, 2013 and value the closing stock by FIFO method:

01/04/2008	Opening Stock 100 units @ Rs. 15 per unit
04/04/2008	Received 90 units @ Rs. 16 per unit
07/04/2008	Issued 80 units
11/04/2008	Received 200 units @ Rs 17 per unit
14/04/2008	Issued 150 units
21/04/2008	Received 20 units @ Rs. 25 per unit
25/04/2008	Issued 100 units
27/04/2008	Received 50 units @ Rs 16 per unit

2. The Car mart company purchases a motor car from Autoriders company on a hire purchase agreement on January 1 ,2001, paying cash Rs.10,000 and agreement to pay further three instalments of Rs.10,000 each on 31st December each year. The cash price of the car is Rs.37, 250 and the Autoriders company charges interest @5% p.a. The Car mart company writes off 10% depreciation on the reducing instalments system. You are required to prepare necessary ledger accounts.

3. Branches of accounting
4. Objectives of accounting

Roll No. 117 KALYANKAR RUSHABH SANTOSH

1. Prepare bank reconciliation statement in the books of Ranbir Textiles as 31st March, 2014.
 1. Ranbir textiles cash book shows a bank balance of RS. 10,500.
 2. A cheque of Rs. 540 issued to Alia has not been presented for payment.
 3. A cheque of Rs. 1,200 sent to bank has not been collected.
 4. A cheque of Rs. 400 deposited in the bank has been dishonoured
 5. Bank paid Rs.50 for fire insurance payment for which no entry was passed in the cash book of Ranbir textiles.
 6. The bank had charged Rs.10 as bank charges and Rs.25 as interest.
 7. The bank received dividend of Rs. 500 for which no entry was passed in the cash book of Ranbir textiles.
2. The Loksewa Transport Ltd. Purchased trucks from the Hindustan Motors Ltd., on Hire Purchase Basis. The cash price of the trucks was Rs.3,20,000. The amounts were payable as under
 - Rs. 1,00,000 on the date of purchase i.e 1st January,2001.
 - Rs.80,000 on 31st December,2001
 - Rs.80,000 on 31st December,2002.
 - Rs.80,000 on 31st December,2003.The Hindustan Motors Ltd. Charged interest @5% p.a. on the unpaid amount. The purchasing company decided to write off as depreciation 20% on the diminishing balance each year. You are required to prepare necessary accounts in the books of Loksewa Transport Ltd.
3. Procedures for Issue of Accounting Standards
4. Accounting concepts & conventions

Roll No. 132 SAYYED ARMAN ABDUL

1. AS – 1: Disclosure of Accounting Policies-(a) Purpose (b) Areas of Policies
2. AS – 2: Valuation of Inventories (Stock)- (a) Meaning, Definition (b) Applicability
3. Enter the following transactions in the journal of Mr. Anand and prepare the ledger account of Ramesh and Rajesh.

2019

Aug. 1 Mr. Anand brought cash Rs. 50,000 and machinery worth Rs. 60,000 in the business.

Aug 5 Purchased goods from Rajesh on credit Rs. 5200.

Aug 6 He purchased office furniture Rs. 2000.

Aug 7 Bought stationery Rs. 400.

Aug 8 Sold goods to Ramesh for cash RS. 1500.

Aug 9 Received cash from Ramesh Rs.600

Aug 13 He paid rent for the month of September Rs.1300

Aug 15 He exchanged furniture for goods worth Rs.700

Aug 16 Received from Rajesh Rs. 5000 in full in final settlement.
4. Explain any 4 Principles of Accounting.

Roll No. 143 VISHWAKARMA AMAN SHASHI

1. What are the difference between Hire purchases and Instalments method
2. AS – 9: Revenue Recognition- (a) Meaning and Scope (b) Transactions Excluded
3. Accounting Transactions: Accounting Cycle
4. From the following particulars, calculate the quantity and value of stock on hand on 31st Jan 2012 under FIFO method.

Purchases

Date	Quantity	Rate per unit
04-01-12	40	30
17-01-12	60	28
22-01-12	80	29
30-01-12	100	26

Sales

Date	Quantity	Rate per unit
20-01-12	50	35
25-01-12	80	33
28-01-12	20	34

The stock of material on hand on 1st Jan 2012 was 50 units@ Rs.25 each.

Roll No. 144 KHAN FARID ZAHOOR

1. The Car mart company purchases a motor car from Autoriders company on a hire purchase agreement on January 1 ,2001, paying cash Rs.10,000 and agreement to pay further three instalments of Rs.10,000 each on 31st December each year. The cash price of the car is Rs.37, 250 and the Autoriders company charges interest @5% p.a. The Car mart company writes off 10% depreciation on the reducing instalments system. You are required to prepare necessary ledger accounts.
2. International accounting standards
3. Accounting standards in India
4. Accounting Transactions: Accounting Cycle

Roll No. 145 (OLD) TIWARI SHIVAMKUMAR SANTOSH

1. AS – 2: Valuation of Inventories (Stock)- (a) Meaning, Definition (b) Applicability
2. International accounting standards
3. The Car mart company purchases a motor car from Autoriders company on a hire purchase agreement on January 1 ,2001, paying cash Rs.10,000 and agreement to pay further three instalments of Rs.10,000 each on 31st December each year. The cash price of the car is Rs.37, 250 and the Autoriders company charges interest @5% p.a. The Car mart company writes off 10% depreciation on the reducing instalments system. You are required to prepare necessary ledger accounts.
4. Procedures for Issue of Accounting Standards

Roll No. 147 ANSARI MOHD AMAN ABDUL MALLIK

1. Prepare bank reconciliation statement in the books of Ranbir Textiles as 31st March, 2014.
 8. Ranbir textiles cash book shows a bank balance of RS. 10,500.
 9. A cheque of Rs. 540 issued to Alia has not been presented for payment.
 10. A cheque of Rs. 1,200 sent to bank has not been collected.
 11. A cheque of Rs. 400 deposited in the bank has been dishonoured
 12. Bank paid Rs.50 for fire insurance payment for which no entry was passed in the cash book of Ranbir textiles.
 13. The bank had charged Rs.10 as bank charges and Rs.25 as interest.

14. The bank received dividend of Rs. 500 for which no entry was passed in the cash book of Ranbir textiles.
2. The Loksewa Transport Ltd. Purchased trucks from the Hindustan Motors Ltd., on Hire Purchase Basis. The cash price of the trucks was Rs.3,20,000. The amounts were payable as under

Rs. 1,00,000 on the date of purchase i.e 1st January,2001.

Rs.80,000 on 31st December,2001

Rs.80,000 on 31st December,2002.

Rs.80,000 on 31st December,2003.

The Hindustan Motors Ltd. Charged interest @5% p.a. on the unpaid amount. The purchasing company decided to write off as depreciation 20% on the diminishing balance each year. You are required to prepare necessary accounts in the books of Loksewa Transport Ltd.

3. Objectives of accounting

4. Write a note on Bank Reconciliation Statement

Subject: Business Communication - I

Roll No. 144 KHAN FARID ZAHOOR

1. Impact of technological advancements on Communication
2. Explain Computers and E- communication Video and Satellite Conferencing
3. Explain Corporate Social Responsibility
4. Draft a Letter of Resignation
5. Explain Commercial Terms used in Business Communication

Subject: Foundation Course - I

Roll No. 143 VISHWAKARMA AMAN SHASHI

1. Explain population distribution according to religion, caste, and gender.
2. Explain concept of disparity and female foeticide.
3. Write a note on Fundamental Duties of the Indian Citizen
4. What are the Basic features of the Constitution
5. Write a note on Role and significance of women in politics

Roll No. 157 (OLD) YADAV ANNU RAKESHKUMAR

1. Write a note on Local self-government in urban and rural areas.
2. Explain Main Body and Schedules of Constitution.
3. Examine the causes and effects of conflicts arising out of regionalism and linguistic Differences.
4. Write a note on inequalities faced by people with disabilities.
5. Write a note on multi-cultural diversity of Indian society.

Subject: Business Economics - I

Roll No. 128 NISHAD KRITIKA JAINARAYAN

1. Explain the concept of circular flow of income and expenditure in a three sector economy?
2. Explain the concept of circular flow of national income in a 2 sector economy with the role of savings.
3. Explain the concept of circular flow of national income in a 2 sector economy without the role of savings.
4. Discuss the psychological law of consumption.
5. What is meant by effective demand? Explain factors affecting Effective Demand.

Roll No. 132 SAYYED ARMAN ABDUL

1. Elaborate factors affecting aggregate demand and aggregate supply.
2. Explain in detail the working of money multiplier.
3. Discuss the various factors affecting consumption function?
4. Explain the concept of multiplier and bring out various leakages of the multiplier?
5. Explain the Keynesian approach to demand for money?

Roll No. 137 YADAV RISHIKESH KAMLESH

1. Explain effects of inflation?
2. Explain the objectives of monetary policy?
3. Explain the principle of sound finances?
4. Explain the burden of internal public debt?
5. Discuss the limitation of the FRBM act 2003?

Roll No. 140 SHARMA HARIOM RAMESH

1. Evaluate Ricardian theory of comparative cost?
2. Explain Hecksher Ohlin theory of trade.
3. Explain Wiseman Peacock hypothesis of public expenditure.
4. Which are arguments in favour of protectionism?
5. Explain disadvantages of free trade.

Roll No. 143 VISHWAKARMA AMAN SHASHI

1. Evaluate disadvantages of protectionism.
2. Explain Liquidity preference theory of Keynes.
3. Discuss the arguments of free trade?
4. Explain the measures to control deficit in the balance of payments?
5. Explain national income and its various concepts.

Roll No. 144 KHAN FARID ZAHOOR

1. Discuss money supply and its constituents?
2. What is public expenditure explain in details?
3. What is public debt? Explain types of public debt.
4. What is monetary policy? Explain its instruments.
5. Define fiscal policy. What are its objectives?

Roll No. 147 ANSARI MOHD AMAN ABDUL MALLIK

1. What is fiscal policy? Explain its instruments.
2. Explain various functions of money.
3. What is quota? Explain its types
4. Explain the concept of circular flow of income and expenditure in an open economy?
5. Explain the phases of trade cycle?

Roll No. 145 SOLANKI TUSHAR SHANTILAL

1. What is monetary policy? Discuss its objectives in detail.
2. Explain the theory of multiplier?
3. Explain the Fishers equation of exchange?
4. Explain Cambridge equation of exchange.
5. Explain different types of foreign direct investments?

Subject: Quantitative Techniques

Roll No. 103 BHOSLE UNNATI GANESH

1. Write a note on Arithmetic and geometric mean
2. Find the present value of ₹40, 00,000 required 4 yrs. from now if the CI rate is 5%.
3. Calculate arithmetic mean of the following data

X	20 -30	30 – 40	40 – 50	50 – 60	60 - 70
Frequency	5	8	10	12	5

4. Find the regression equation (x on y) from the following data

X	12	15	20	23	23	25
Y	5	6	8	9	10	13

Roll No. 104 BILKHWAL DHARVI DILIP

1. Write a note on Frequency curve and frequency polygon
2. Find the amount for the ordinary annuity with periodic payment as ₹2000 at the rate of interest 12% per annum, for 2 years compounded yearly. Also, state the capital invested.
3. Find the present value of ₹40, 00,000 required 4 yrs. from now if the CI rate is 5%
4. Differentiate the function $y = x^3 \log x - 10xe^x$, w.r.t. x .

Roll No. 107 CHAVAN KOMAL DEEPAK

1. Write a note on Annuity Immediate
2. Divide 50 into two parts such that their product is a maximum.
3. If the total cost function is $C = 4 + 3x + x^2$. Find the cost when x is 10 units. Also, find average cost when x is 4 units.
4. Draw a frequency curve for the following data

Height in cms (x)	150 – 154	154 – 158	158 – 162	162 – 166	166 – 170
No. of children (y)	10	12	20	10	8

Roll No. 111 GUPTA SONAL YOGESH

1. Write a note on EMI
2. Find $\frac{d^2y}{dx^2}$, if $y = 2e^x - \log x + 4^x$.
3. Find the value of a and c using the following function:
 - i) If $f(x) = ax + 6$ and $f(1) = 11$. Find a .
 - ii) If $f(x) = ax^2 + 2x + c$, $f(0) = -3$, $f(-1) = -4$. Find a and c .
4. Calculate the mean deviation from median for the following raw data (individual series)

Daily wages in ₹(x)	60	70	85	95	110	120	135
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Roll No. 112 IDRISI MOHD SHOEB AKHTAR ALI

1. Write a note on Elasticity (η).
2. The demand function for a commodity is given by $p = 7 - D$ and supply is given by $p = 3 + 3D$. Find the equilibrium price and the quantity.
3. Examine for maxima and minima of the function $f(x) = x^3 - 9x^2 + 24x + 7$.
4. Find $\frac{d^2y}{dx^2}$, if $y = 4e^x + 2 \log x - 3^x$.

Roll No. 113 JAIN JIYA JAGDISH

1. Write a note on Median, quartiles and deciles
2. A ball is rolled down in a hallway and its position is recorded at five different times. Use the data given in the table shown below to predict the location of the ball at 12 seconds (y on x).

Time (seconds)	1	2	4	6	8
Position (meters)	9	12	17	21	26

3. A person borrowed ₹10000 at 12% interest per annum if he is supposed to return the money within 2 years find his EMI using Flat Interest Rate method.
4. Find the future value of ₹20 lakh after 3 years if the rate is 8%.

Roll No. 117 KALYANKAR RUSHABH SANTOSH

1. Write a note on Present value and future value
2. Subodh received ₹12682.5 on maturity of his monthly recurring deposit kept with a bank at 12% interest per annum for 1 year. Using the ordinary monthly annuity, find the size of his monthly payments to the bank.
3. Calculate the standard deviation for marks of the students (individual series)

Marks	4	5	7	7	8	8	8	9
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4. Find the Karl Pearson's coefficient of correlation for the following data

X	10	30	20	40	50
Y	8	6	4	2	10

Roll No. 127 NELAPUDI SHRIDHAR VENKATRAMAN

1. Write a note on Annuity and its types
2. Calculate the median height of a group of children.

Height in cms	110	111	112	113	114	115	116	117
No. of children	7	9	12	20	25	15	7	4

3. Draw a less than ogive curve for the following data

Weekly wages in ₹(x)	40 – 45	45 – 50	50 – 55	55 – 60	60 – 65	65 – 70	70 – 75
No. of workers (y)	5	9	15	13	11	12	5

4. Find the future value of ₹30 lakh after 3 years if the rate is 10%.

Roll No. 132 SAYYED ARMAN ABDUL

1. Write a note on Regression analysis
2. Differentiate the function $y = (x^3 - \sqrt{x} + \log x)(2e^x + 4^x)$, w.r.t. x .
3. If the demand function is $p = 10 - 2D$, find total revenue when D is 3 units.
4. Draw a frequency polygon for the following data

Height in cms (x)	150 – 154	154 – 158	158 – 162	162 – 166	166 – 170
No. of children (y)	10	12	20	10	8

Roll No. 140 SHARMA HARIOM RAMESH

1. Write a note on Break-even point and equilibrium point
2. Find Mean, Median and Mode of the following distributions.

Income in Rs..	0-200	200-400	400-600	600-800	800-1000	1000-1200
No. of	65	90	100	75	50	30

workers						
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- If RS. 12000 is invested 9% p.a. for 5 years and interest is compounded half yearly. Find amount of Compound interest.
- Find Q3, P13, D7, of the following distribution.

Income in Rs..	0-200	200-400	400-600	600-800	800-1000	1000-1200
No. of workers	65	90	100	75	50	30

Roll No. 143 VISHWAKARMA AMAN SHASHI

- Write a note on Scatter plot
- Find Quartile Deviation, and Coefficient of Quartile Deviation

Sales	10	12	14	16	18	20
No. of shops	5	8	12	9	6	5

- Find Mean, Median and Mode of the following data.
34,32,48,38,24,30,32,34,35,38,38
- Find Q2, P25, D6, of the following distribution.

Income in Rs..	0-200	200-400	400-600	600-800	800-1000	1000-1200
No. of workers	65	90	100	75	50	30

Roll No. 144 KHAN FARID ZAHOOR

- Write a note on Ogives and its types
- Find Q1, P30, D5, of the following distribution.

Income in Rs..	0-200	200-400	400-600	600-800	800-1000	1000-1200
No. of workers	65	90	100	75	50	30

- Find Mean Deviation from Mean, Median, and Mode and also find Coefficient of mean Deviation.

Marks in Maths	0-100	100-200	200-300	300-400	400-500	500-600
No. of students	15	30	25	10	15	5

- Find Quartile Deviation, and Coefficient of Quartile Deviation.

Height (in Cms.)	152	153	154	155	156	157	158
No. of Students.	10	16	20	28	18	14	14

Roll No. 147 ANSARI MOHD AMAN ABDUL MALLIK

- Write a note on Sinking Fund
- Find Q2, P12, D4, of the following distribution.

Income in Rs..	0-200	200-400	400-600	600-800	800-1000	1000-1200
No. of workers	65	90	100	75	50	30

3. The Median of the Observation 8, 9, 11, 14, X+5, X+7, 18, 20, 22, 25 is 16. Find the Value of X.

4. Find Mean, Median and Mode of the following distributions.

Weight (kg)	10	15	20	25	30
No. of patients	5	15	35	30	15





Roll No. 145 SOLANKI TUSHAR SHANTILAL

1. Write a note on Simple and Compound Interest.
2. Find Q4, P35, D2, of the following distribution.

Income in Rs..	0-200	200-400	400-600	600-800	800-1000	1000-1200
No. of workers	65	90	100	75	50	30

3. A sum of money amounts to Rs.9280 in 2 years and Rs. 10560 in 4 Years. Find the rate of interest and the principal Amount.
4. Find Quartile Deviation, and Coefficient of Quartile Deviation.

Sales	10	12	14	16	18	20
No. of shops	5	8	12	9	6	5

			
Prof. Pankaj Jain	Prof. Durgesh Kenkre	Prof. Subhashini Naikar	Dr. Kiran Mane
(Coordinator)	(Exam convener)	(Vice- Principal, SFC)	(I/c Principal)

DI/R-IPS/EXAM/00