

27/01/25



**ARKA JAIN University**  
Jharkhand



**END SEM EXAMINATION**  
School of Commerce & Management

<b>Program</b>	<b>Bachelor of Commerce (Hons.)</b>	
<b>Subject Name</b>	<b>Micro Economics</b>	<b>Semester I</b>
		<b>Year January, 2025</b>
<b>Time: 3 Hour Max. Marks : 70</b>	<ul style="list-style-type: none"> <li>Start writing from 2nd page onwards; <u>don't Write on the 1st Page Backside</u></li> <li>Answer all Questions of Section A (Compulsory)</li> <li>Answer Any Four out of Six of Section B</li> <li>Answer Any Two out of Four of Section C</li> <li>Possession of <u>Mobile Phones</u> or any kind of <u>Written Material, Arguments with the Invigilator or Discussing with Co-Student</u> will come under <u>Unfair Means</u> and will <u>Result in the Cancellation of the Papers.</u></li> </ul>	
<b>Knowledge Level (KL)</b>	<b>K1 : Remembering</b>	<b>K3 : Applying</b>
	<b>K2 : Understanding</b>	<b>K4 : Analysing</b>
		<b>K5 : Evaluating</b>
		<b>K6 : Creating</b>

<b>Section A (Each question Carry 01 Mark from Q1-i to xii) – 12 Marks</b>			
Q. N 1	QUESTIONS	Marks	COs
i	Who introduced the Law of Demand?	01	CO1
ii	What is a Budget line? *	01	CO3
iii	What is the shape of cost curve in short run?	01	CO3
iv	Income - Consumption Curve is also known as .....	01	CO3
v	How to calculate AVC?	01	CO4
vi	The income that an organisation can avail by selling an additional unit of their product or service is known as .....	01	CO2
vii	Under which market condition a firm is said to be a price taker?	01	CO2
viii	If the Price elasticity of demand for a good is 0.75, the demand for the good can be described as elastic or inelastic?	01	CO1
ix	What are the four types of market structure?	01	CO5
x	Give an example of Veblen Effect.	01	CO3



CO1	To study the basic concepts demand and elasticity.
CO2	To understand the types of competition and absence of competition.
CO3	To understand how consumer behave relation to change in price and income.
CO4	To understand various economic models.
CO5	To have a practical understanding how business model works.

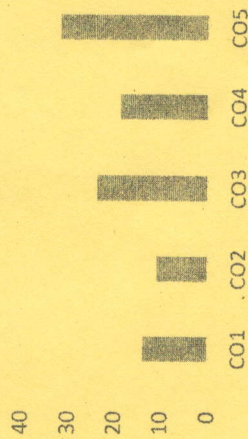
**GRAPHICAL REPRESENTATION**

**Bloom's Level wise Marks Distribution**



■ K1 ■ K2 ■ K3 ■ K4 ■ K5 ■ K6

**Course Outcome Wise Marks Distribution**



Q. No.	QUESTIONS	Marks	COs	KL
xi	Write the formula to calculate Profit a firm.	01	CO2	KL1
xii	Short run production function is also known as .....	01	CO2	KL2
<b>Section B (Answer any FOUR out of SIX) – 28 Marks</b> (Each question Carry 07 Marks)				
2	Write the difference between: Selling cost" and "Production cost"	07	CO2	KL2
3	What is Monopoly? Explain the three conditions necessary for the existence of monopoly.	07	CO2	KL4
4	Why does Demand Curve slop downward?	07	CO1	KL2
5	How Marginal Rate of Technical Substitution between factors (MRTS LK) can be applied to Service Sector?	07	CO5	KL6
6	What is an Engel Curve? How it can be derived?	07	CO3	KL3
7	A consumer purchases 80 units of a commodity when its price is Rs 1 per unit and purchases 48 units when its price rises to Rs 2 per unit. What is the price elasticity of demand for the commodity?	07	CO1	KL4
<b>Section C (Answer any TWO out of FOUR) – 30 Marks</b> (Each question Carry 15 Marks)				
Q. No.	QUESTIONS	Marks	COs	KL
8	Explain the various features of a Perfect competitive market. How is price of a commodity determined under it ?	15	CO4	KL5
9	Explain the concepts of Average revenue, Marginal revenue and Total revenue. Show how they are related to each other.	15	CO4	KL2
10	Explain Consumer's equilibrium condition with the help of Indifference curve approach.	15	CO3	KL3
11	Write the concept and types of Price Leadership under Collusive Oligopoly market conditions.	15	CO5	KL1

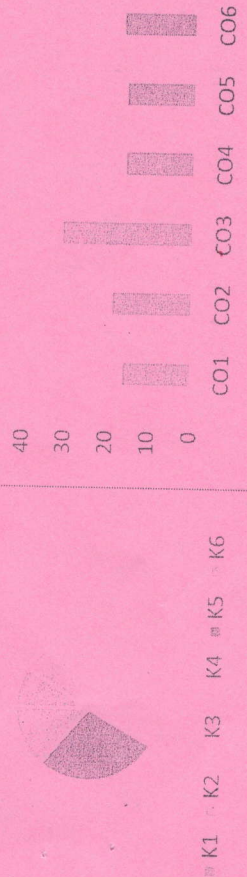


CO1	To acquaint the student with basic concepts of Business Law.
CO2	To acquaint students with various kinds of agreements available for different purposes.
CO3	The students will get to know the basic features and functioning of companies, partnership firms and LLPs.
CO4	To let students, know the basic concept Negotiable instruments and its importance in Business dealings.
CO5	To acquaint students with emerging consumer laws in India and its implementation.
CO6	It aims at providing knowledge of the business laws applicable in India and the framework within which business houses are expected to function.

**GRAPHICAL REPRESENTATION**

**Bloom's Level wise Marks Distribution**

**Course Outcome Wise Marks Distribution**



Program	<b>Bachelor of Commerce (Hons.)</b>	<b>[Capital Market]</b>
Subject Name	<b>Business Law</b>	Semester <b>I</b>
		Year <b>January, 2025</b>
Time: 3 Hour Max. Marks: 70	<ul style="list-style-type: none"> <li>Start writing from 2nd page onwards; don't Write on the 1st Page Backside</li> <li>Answer all Questions of Section A (Compulsory)</li> <li>Answer Any Four out of Six of Section B</li> <li>Answer Any Two out of Four of Section C</li> <li>Possession of <u>Mobile Phones</u> or any kind of <u>Written Material, Arguments with the Invigilator or Discussing with Co-Student</u> will come under <u>Unfair Means</u> and will <u>Result</u> in the <u>Cancellation of the Papers.</u></li> </ul>	
Knowledge Level (KL)	K1 : Remembering	K5 : Evaluating
	K2 : Understanding	K6 : Creating
	K3 : Applying	
	K4 : Analysing	

**Section A (Each question Carry 01 Mark from Q1-i to xii) – 12 Marks**

Q.N	QUESTIONS	Marks	COs	KL
i	Who can make a complaint under Consumer protection Act? (a) Consumer (c) Alien (b) 3rd Person (d) None of the above	01	CO1	K1
ii	Without consideration contract is: (a) Legal (c) Illegal (b) Void (d) None of these	01	CO2	K1
iii	An offer made by words is called: (a) Express agreement (c) Formal agreement (b) Implied agreement (d) None of these	01	CO2	K1
iv	In Sales of Goods Act, the term 'property' means: (a) ownership (c) above (a) & (b) (b) possession (d) None of the above	01	CO2	K1
v	In the absence of partnership deed interest on capital is (a) Compulsory (c) No (b) Voluntary (d) None of the above	01	CO2	K1
vi	In case of breach of a condition the buyer: (a) Can't return the goods (c) Refuse to pay the price (b) Can claim damages (d) Can pay the price	01	CO5	K1
vii	A gratuitous bailment is: (a) Not supported by consideration (b) Void (c) Supported by consideration (d) Not valid	01	CO2	K1



viii	Actionable claims and money are: (a) Not goods (b) Goods (c) Article (d) All of these	01	CO1	K1
ix	Contract of guarantee is a: (a) Contingent contract (b) Void contract (c) Voidable agreement (d) All of these	01	CO2	K1
x	If a contract which contains an undertaking to perform an impossible act, the contract is: (a) Void-ab initio (b) Legal (c) Voidable (d) Illegal	01	CO6	K2
xi	If a new contract is substituted in place of an old one, it is a: (a) Breach (b) Novation (c) Rescission (d) Remission	01	CO3	K2
xii	Among the following, who may be partner in a limited liability partnership: (a) An individual (b) An Indian company (c) A foreign company (d) all the above	01	CO3	K1

**Section B (Answer any FOUR out of SIX) – 28 Marks**  
(Each question Carry 07 Marks)

Q. No.	QUESTIONS	Marks	COs	KL
2	Differentiate between 'sale' and 'agreement to sale'.	07	CO1	K4
3	What is contract? Explain in brief the essential elements of a valid contract.	07	CO1	K3
4	What are the rights and liabilities of indemnity holder	07	CO2	K3
5	Write short notes on: (a) Working partner (b) Sleeping partner (c) Minor partner	07	CO1	K3
6	Define the term Goods. Discuss the different types of Goods? Explain.	07	CO2	K4
7	Who is a Consumer? What consumer rights are guaranteed under consumer protection Act 1986? Explain.	07	CO1	K2

**Section C (Answer any TWO out of FOUR) – 30 Marks**  
(Each question Carry 15 Marks)

Q. No.	QUESTIONS	Marks	COs	KL
8	Describe an unpaid seller. What are his rights against the buyer personally and against the goods? Explain.	15	CO3	K5

9	What is partnership and explain its characteristics. "Minor are incompetent to enter into as contract under the Partnership Act minors could be admitted to the benefit of partnership." Discuss the statement.	15	CO5	K4
10	What is meant by discharge of a contract? Describe the methods of a discharge of contract.	15	CO6	K5
11	"All contracts are agreements but all agreements are not contract." Comment. Explain in brief the essential elements of a valid contract.	15	CO3	K6



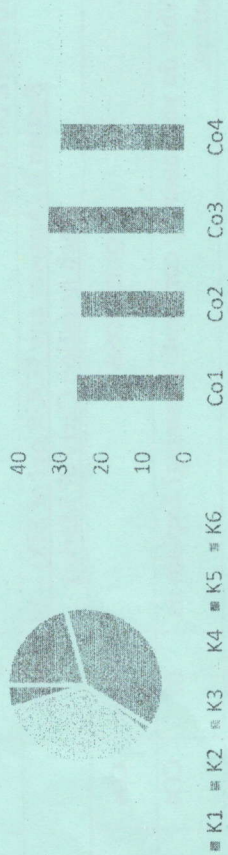
29/01/25

CO- Course Outcomes, KL- Knowledge Level, PO – Program Outcome

CO1	Identify the foundation terms and concepts that is commonly used in management.
CO2	Determine the essential elements for effective management practice.
CO3	Determine the relationship between management functions.
CO4	Demonstrate the roles, skills and functions of management.

**GRAPHICAL REPRESENTATION**

**Bloom's Level wise Marks Distribution**      **Course Outcome wise Marks Distribution**



END SEM EXAMINATION  
School of Commerce and Management

Program	Bachelor of Commerce (Hons.)		[Backlog]
Subject Name	Management Principles & Applications		Semester I
Time: 3 Hour			Year January, 2025
Max. Marks : 70	<ul style="list-style-type: none"> <li>Start writing from 2nd page onwards; don't Write on the 1st Page Backside</li> <li>Answer all Questions of Section A (Compulsory)</li> <li>Answer Any Four out of Six of Section B</li> <li>Answer Any Two out of Four of Section C</li> <li>Possession of <u>Mobile Phones</u> or any kind of <u>Written Material, Arguments with the Invigilator or Discussing with Co-Student</u> will come under <u>Unfair Means</u> and will <u>Result</u> in the <u>Cancellation of the Papers.</u></li> </ul>		
Knowledge Level (KL)	K1 : Remembering	K3 : Applying	K5 : Evaluating
	K2 : Understanding	K4 : Analysing	K6 : Creating

Section A (Each question Carry 01 Mark from Q1-i to xii) – 12 Marks			
Q. N1	QUESTIONS	Marks	COs
i	This type of organisational structure is most suitable when the size of the organisation is large, has diversified activities and operations require a high degree of specialisation, (a) Divisional structure (b) Functional structure (c) Network structure (d) Matrix structure	01	CO1 KL2
ii	Planning cannot foresee everything, and thus, there may be obstacles to effective planning. Identify the related limitation of planning. (a) Planning leads to rigidity. (b) Planning may not work in a dynamic environment. (c) Planning does not guarantee success. (d) Planning reduces creativity.	01	CO2 KL1
iii	It is a plan which quantifies future facts and figures. (a) Procedure (b) Programme (c) Rule (d) Budget	01	CO2 KL1



iv	The concept of Work Study techniques includes (a) Time study (b) Motion study (c) Fatigue study (d) All of the above	01	CO2	KL2
v	It is defined as the framework within which managerial and operating tasks are performed. (a) Span of management (b) Organisational structure (c) Informal organisation (d) None of the above	01	CO3	KL1
vi	Which of the following is not a standing plan? (a) Policy (b) Procedure (c) Programme (d) Rule	01	CO3	KL1
vii	The application of this principle of management leads to higher production and better work for the same effort. Identify the related principle of general management. (a) Discipline (b) Equity (c) Division of work (d) Order	01	CO1	KL2
viii	Management translates the works to be carried out in terms of goals to be achieved and assigns the means to achieve it. This statement relates to (a) Management of work (b) Management of people (c) Management of operations (d) All of the above	01	CO1	KL3
ix	Which of the following is the elements of directing? (a) Supervision (b) Motivation (c) Leadership (d) All of the above	01	CO3	KL2
x	Which function of management is concerned with giving instructions and guiding people in doing work? (a) Staffing (b) Organizing (c) Controlling (d) Directing	01	CO3	KL1

xi	controlling is forward looking because (a) It is post-mortem of past activities (b) Forecasts about future conditions (c) Guided by past experience (d) Initiate corrective action to improve future performance.	01	CO4	KL3
xii	Which principle of general management advocates that, "Employee turnover should be minimised to maintain organisational efficiency."? (a) Stability of personnel (b) Remuneration of employees (c) Equity (d) Esprit De Corps	01	CO1	KL2
<b>Section B (Answer any FOUR out of SIX) - 28 Marks</b> (Each question Carry 07 Marks)				
Q. No.	QUESTIONS	Marks	COs	KL
2	What do you mean by corporate planning? Explain its nature.	07	CO4	KL2
3	What is leadership? Discuss the different styles of leadership.	07	CO3	KL2
4	"Co-ordination is the essence of Management" Explain the statement.	07	CO2	KL4
5	What is delegation? Discuss its main elements.	07	CO3	KL3
6	What do you mean by Hawthorne Experiments? Point out the results of these experiments.	07	CO1	KL4
7	What is meant by selection? Explain any five steps involved in the process of selection.	07	CO4	KL3
<b>Section C (Answer any TWO out of FOUR) - 30Marks</b> (Each question Carry 15 Marks)				
Q.No.	QUESTIONS	Marks	COs	KL
8	Define organisation and explain its objectives and importance.	15	CO2	KL2
9	What is meant by motivation? Discuss the role of monetary and non-monetary motivation in promoting labour efficiency.	15	CO3	KL3
10	What is control? Explain the various steps involved in management control.	15	CO4	KL4
11	Explain the principles of management propounded by Henry Fayol.	15	CO1	KL5





**ARKA JAIN**  
**University**  
Jharkhand



**END SEM**  
**EXAMINATION**  
School of Commerce and  
Management

Program	Bachelor of Commerce (Hons.)	
Subject Name	Hindi	
	Semester	I
	Year	January, 2025
Time: 1.5 Hour Max. Marks : 35	<ul style="list-style-type: none"> <li>Start writing from 2nd page onwards; don't Write on the 1st Page</li> <li><u>Backside</u></li> <li>Answer all Questions of Section A (Compulsory)</li> <li>Answer Any Five out of Six of Section B</li> <li>Answer Any Two out of Four of Section C</li> <li>Possession of Mobile Phones or any kind of Written Material, Arguments with the Invigilator or Discussing with Co-Student will come under Unfair Means and will Result in the Cancellation of the Papers.</li> </ul>	
Knowledge Level (KL)	K1: Remembering K2: Understanding	K3: Applying K4: Analysing K5: Evaluating K6: Creating

Section A (Each question Carry 01 Marks from Q1-i to v) – 05 Marks			
Q. N	QUESTIONS	Marks	COs KL
1			
i	संप्रेषण का अर्थ क्या है? (क) सूचना का संग्रह (ख) सूचना का आदान प्रदान (ग) सूचना का विश्लेषण (घ) सूचना का भण्डारण	01	CO2 K2
ii	“विष” का विलोम शब्द क्या है? (क) जीवन (ख) अमरता (ग) अमृत (घ) जल	01	CO1 K1
iii	“हिमालय” का पर्यायवाची शब्द कौन सा है? (क) पर्वत (ख) शिखर (ग) नागाधिराज (घ) वन	01	CO1 K1
iv	संस्कृत के नवीन शब्द का तद्भव रूप क्या है ? (क) नया (ख) नव (ग) नवा (घ) नदी	01	CO3 K2
v	“विलोम शब्द” का क्या अर्थ है ? (क) पर्यायवाची शब्द (ख) विपरीतार्थक शब्द (ग) समानार्थक शब्द (घ) विशेषण शब्द	01	CO1 K1
Section B (Answer any FIVE out of SIX) – 10 Marks (Each question Carry 02 Marks)			
Q. No.	QUESTIONS	Marks	COs KL
2	“वैयक्तिक संप्रेषण” क्या है?	02	CO2 K4
3	संक्षेपण से आप क्या समझते हैं ?	02	CO5 K2



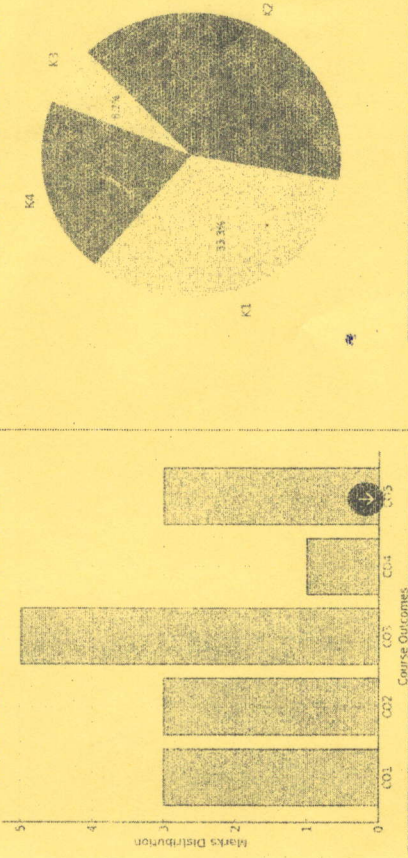
CO- Course Outcomes, KL- Knowledge Level, PO – Program Outcome

CO1	मध्यम स्तर पर हिंदी पढ़ने, लिखने, और बोलने में कुशलता का प्रदर्शन।
CO2	विभिन्न प्रकार के हिंदी साहित्य को विश्लेषण और सराहना करना।
CO3	हिंदी भाषा और साहित्य में समाजिक परंपराओं की समझ।
CO4	लिखित रचनाओं, वाणिज्यिक प्रस्तुतियों, और चर्चाओं में हिंदी में संचार कौशल सिखाना।
CO5	हिंदी पाठों का गहन विश्लेषण करके निदर्शक संदेशों और सीव का पता लगाना।

**GRAPHICAL REPRESENTATION**

Bloom's Level Wise Marks Distribution

Course Outcome Wise Marks Distribution



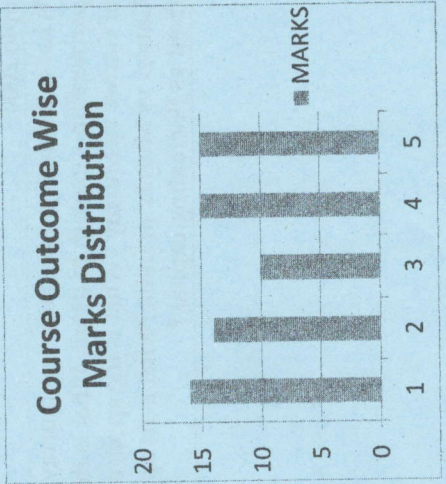
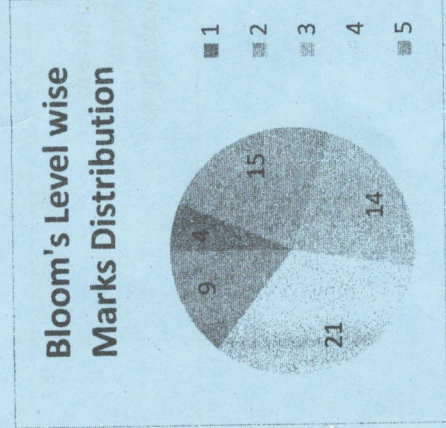
Q. No.	QUESTIONS	Marks	COs	KL
4	अव्यय क्या है? अव्यय के प्रकार बताइए?	02	CO3	K2
5	वैयक्तिक संप्रेषण के दोष बताएं?	02	CO2	K4
6	“सभापति” एवं “लिपिक” शब्दों का अंग्रेज़ी अनुवाद करें?	02	CO5	K1
7	तत्सम शब्द किसे कहते हैं? उदाहरण के साथ समझाइए।	02	CO3	K2
<b>Section C (Answer any TWO out of FOUR) – 20Marks</b> (Each question Carry 10 Marks)				
8	अंग्रेज़ी शब्दों के हिंदी अनुवाद करें :- Computer, Cashier, Typist, Draft, Seminar, Coordinator, Acceptance, Duration, Balance, Export	10	CO5	K1
9	टेलीविजन के गुण दोष लिखें।	10	CO3	K4
10	कंप्यूटर का सामान्य परिचय दें।	10	CO3	K2
11	शहर में बढ़ती गुंडागर्दी की ओर अधिकारियों और प्रशासन का ध्यान आकृष्ट करने हेतु सपादक के नाम पत्र लिखिए।	10	CO4	K3



CO- Course Outcomes, KL- Knowledge Level, PO – Program Outcome

CO1	Evaluate the role of merchant bankers in the financial markets
CO2	Examine different activities and responsibilities of merchant bankers
CO3	Analyse next stage roles and responsibilities of merchant bankers
CO4	Examine how underwriting is done in public issues
CO5	Understand and identify the issue management processes

**GRAPHICAL REPRESENTATION**



**ARKA JAIN University**  
Jharkhand

**NAAC GRADE A**  
ACCREDITED UNIVERSITY

**END SEM EXAMINATION**  
School of Commerce and Management.

Program	Bachelor of Commerce (Hons.)	
Subject Name	Financial Accounting	
Time: 3 Hour Max. Marks : 70	Semester	Year
	I	January, 2025
	<ul style="list-style-type: none"> <li>Start writing from 2nd page onwards; don't write on the 1st Page Backside</li> <li>Answer all Questions of Section A (Compulsory)</li> <li>Answer Any Four out of Six of Section B</li> <li>Answer Any Two out of Four of Section C</li> <li>Possession of Mobile Phones or any kind of Written Material, Arguments with the Invigilator or Discussing with Co-Student will come under <b>Unfair Means</b> and will <b>Result</b> in the <b>Cancellation of the Papers.</b></li> </ul>	
Knowledge Level (KL)	K1 : Remembering K2 : Understanding K3 : Applying K4 : Analysing K5 : Evaluating K6 : Creating	

Section A (Each question Carry 01 Mark from Q1-i to xii) – 12 Marks		Q.N1	QUESTIONS	Marks	COs	KL
i	IFRS means International Financial Reporting standards? True or false.			01	CO1	K1
ii	Cash down price is the total cost of an asset under the hire purchase system of accounting .True or false.			01	CO3	K2
iii	Output in tons of coal multiplied by royalty per ton is the actual royalty .True or false			01	CO2	K2
iv	Dependent and independent branches fall under foreign branches .True or false.			01	CO5	K2
v	Short working is when the actual royalty is lower than minimum rent ..True of false			01	CO2	K2
vi	The Garner vs Murray decision was given in 1904 - True or false.			01	CO5	K2
vii	Cash equivalent is cash plus bank plus short term securities ( max 3-months ). True or false.			01	CO1	K2
viii	Sending of goods by HO to Branch office at higher then cost price is called Invoice price .True or false.			* 01	CO5	K2
ix	Ind AS 2 applies to live stock too.True or false.			01	CO1	K2
x	Transportation charges is added to the cost of raw material purchased as per Ind AS 2 .True or false.			01	CO1	K2
xi	Notes to accounts is part of Financial statements as per Ind AS 1.True or false.			01	CO1	K2
xii	Depreciation is non operating activity as per Ind AS 7.True or false.			01	CO1	K2



<b>Section B (Answer any FOUR out of SIX) – 28 Marks</b> (Each question Carry 07 Marks)				
Q. No.	QUESTIONS	Marks	COs	KL
2	Enumerate the salient features of Ind AS 7.	07	CO1	K2
3	What are the journal entries that you would pass in the books of Land lord ( lessors/ patent owners /authors )- when Royalty is more than minimum rent and when royalty is less than minimum rent.	07	CO3	K1
4	Explain in detail how you would value the inventory of a manufacturing unit as per Ind AS 2.	07	CO1	K2
5	Give arguments in favour of depreciation calculated on assets even though the asset under hire purchase may be reprocessed back on non payment of the instalments.	07	CO3	K3
6	Pass the journal entries in the case Interest suspense method – under Hire purchase and instalment system.	07	CO3	K1
7	What are the requirements of Ind AS 1 as to contents of a financial statement,	07	CO1	K2
<b>Section C (Answer any TWO out of FOUR) – 30 Marks</b> (Each question Carry 15 Marks)				
Q. No.	QUESTIONS	Marks	COs	KL
8	From the following particulars ,prepare branch accounts showing profit or loss of the branch for the year ended 31.12.2002( All figures are in Rupees) Opening stock at branch – Rs 30,000 , Goods sent to branch Rs 90,000, Cash sales –Rs 1,20,000 , Expenses met by the heads office – salaries Rs 10,000 ,Other expenses Rs 4,000.closing stock could not be ascertained but it is known that the branch usually sells at cost plus 20%.The branch manager is entitled to a commission of 5%on the profit of the branch before charging such commission.	15	CO5	K3
9	The Bengal co ltd holds a lease of coal mines for a period of 10 years commencing on 1 <sup>st</sup> Jan 1997.According to the lease the company is to pay 75 paise per ton as royalty with a minimum rent of Rs 15,000 per year. Short workings can however be recouped out of royalty in excess of the minimum rent of the next two years only.For year of strike minimum rent is to be reduced to 60 The output in tons for 6	15	CO3	K3

10	years is as ..1997- 10,000 ,1998 – 12,000 , 1999- 25,000 , 2000- 20,000 , 2001 – 50,000 and 2002 – 15,000( strike)Write up necessary ledger accounts in the books of Bengal coal co ltd. A co ltd purchased Machinery from B co ltd on hire purchase terms .The cash price of the machinery was Rs 1,19,145.Rs 32,000 was to be paid on 1.1.98 and the balance I three instalments Of Rs 32,000 each. On 31 <sup>st</sup> Dec every year subject to interest of @ 5%.Depreciation is to be provided 15% pa on diminishing balance .Show machinery account and B Co. Ltd account in the books of A co ltd for 3 years upto 2000.	15	CO3	K3
11	What is the decision in Garner vs murray in partnership – explain in detail. What is the criticism of Garner vs Murray ?What is the applicability of Garner vs Murray in India ?what is its applicability to fixed vs fluctuating capital ?	15	CO5	K4



18/01/25

<b>JGI</b>	<b>Program</b> Bachelors of Commerce (Hons.) Environment and Sustainable Development	<b>Semester</b> I
	<b>Subject Name</b>	<b>Year</b> January, 2025
	<ul style="list-style-type: none"> <li>Start writing from 2nd page onwards; don't Write on the 1st Page Backside</li> <li>Answer all Questions of Section A (Compulsory)</li> <li>Answer Any Four out of Six of Section B</li> <li>Answer Any Two out of Four of Section C</li> <li>Possession of Mobile Phones or any kind of Written Material, Arguments with the Invigilator or Discussing with Co-Student will come under <u>Unfair Means</u> and will <u>Result</u> in the <u>Cancellation of the Papers</u>.</li> </ul>	
	Time: 3 Hour Max. Marks : 70	
<b>Knowledge Level (KL)</b>	<b>K1 : Remembering</b> <b>K2 : Understanding</b>	<b>K5 : Evaluating</b> <b>K6 : Creating</b>

**Section A (Each question Carry 01 Mark from Q1-i to xii) - 12 Marks**

Q. N1	QUESTIONS	Marks	COs	KL
i	Identify the correct example of a terrestrial ecosystem characterized by its dependence on land-based biotic and abiotic components. a) A freshwater pond b) A dense forest c) A coral reef ecosystem d) A tidal estuary	01	CO1	KL2
ii	Photochemical smog, a hazardous air pollutant, results from which of the following chemical processes? a) Accumulation of suspended particulate matter in the atmosphere b) Interaction of sunlight with nitrogen oxides and volatile organic compounds c) Direct emissions from the combustion of fossil fuels d) Release of pollutants from industrial chimneys	01	CO4	KL4
iii	What distinguishes in-situ conservation as a biodiversity preservation method? a) Breeding of endangered species in artificial settings b) Maintenance of species within their native ecosystems c) Establishing genetic material reserves in cryobanks d) Developing repositories for seeds and embryos in laboratories	01	CO2	KL4
iv	Which international treaty primarily targets the reduction of substances that deplete the ozone layer?	01	CO2	KL2

Schools were shut down, outdoor activities were restricted, and hospitals reported a surge in patients with respiratory distress. Smog blanketed the city, reducing visibility and impacting daily life. Despite government interventions such as the Odd-Even Scheme for vehicles, banning of firecrackers, and installation of smog towers, the measures have not significantly improved air quality. Citizens are growing increasingly concerned about their health and quality of life, demanding stronger actions from the government.	
1. What are your expectations from the government to tackle Delhi's air pollution problem? Suggest measures that the government can implement to improve air quality.	
2. Propose your suggestions to ensure better implementation of existing policies?	

CO- Course Outcomes,	KL- Knowledge Level,	PO - Program Outcome
CO1	Concept clarification about the components of environment and their inter relatedness	
CO2	Understanding of all the resources available and their origin and the ways to conserve them for Sustainable future.	
CO3	To evaluate the environment and various species present and their importance and ways to conserve Biodiversity.	
CO4	To construct and evaluate ways of managing solid waste and safe disposal techniques.	
CO5	To understand various measures undertaken by Government and laws related to protection of Environment.	

**GRAPHICAL REPRESENTATION**

**Bloom's Level wise Marks Distribution**

Level	Marks
KL1	1%
KL2	43%
KL4	20%
KL5	36%

**Course Outcome Wise Marks Distribution**

CO	Marks
CO1	24
CO2	49
CO3	8
CO4	25
CO5	8



V	<p>a) The treaty signed under the Montreal Protocol</p> <p>b) The climate-centric Paris Agreement</p> <p>c) The Stockholm Convention on pollutants</p> <p>d) The emissions-regulating Kyoto Protocol</p> <p>Identify the gas that is not categorized as contributing to the greenhouse effect.</p> <p>a) CH<sub>4</sub> (Methane)      b) N<sub>2</sub>O (Nitrous Oxide)</p> <p>c) CO<sub>2</sub> (Carbon Dioxide)      d) O<sub>2</sub> (Oxygen)</p>	01	CO2	KL5
vi	<p>Which advanced process is employed for reusing domestic wastewater in an eco-friendly manner?</p> <p>a) Disposing of waste in landfills</p> <p>b) Organic waste conversion through composting</p> <p>c) Treatment of greywater for secondary applications</p> <p>d) Incineration of liquid waste</p>	01	CO4	KL2
vii	<p>Which SDG focuses on achieving gender equality?</p> <p>a) SDG 4      b) SDG 5</p> <p>c) SDG 6      d) SDG 10</p>	01	CO2	KL1
viii	<p>Composting, an essential waste management technique, is primarily utilized for:</p> <p>a) Safe disposal of hazardous industrial waste</p> <p>b) Conversion of organic waste into nutrient-rich compost</p> <p>c) Treatment of infectious biomedical waste</p> <p>d) Mitigation of airborne contaminants</p>	01	CO4	KL4
ix	<p>What is the primary objective of the Water (Prevention and Control of Pollution) Act, 1974?</p> <p>a) Conservation of groundwater</p> <p>b) Prevention of waterborne diseases</p> <p>c) Maintaining and restoring water quality</p> <p>d) Promotion of sustainable water harvesting</p>	01	CO5	KL2
x	<p>What is the relationship between economic development and resource use?</p> <p>a) Resource use hinders economic development</p> <p>b) Economic development depends on resource use</p> <p>c) Resource use is irrelevant to economic development</p> <p>d) Economic development depletes resources</p>	01	CO3	KL4
xi	<p>Which factor is most likely to accelerate soil degradation in terrestrial environments?</p> <p>a) Removal of forest cover</p> <p>b) Intensive grazing by livestock</p> <p>c) Pollution and transformation through industrial activities</p> <p>d) A combination of all the above factors</p>	01	CO2	KL2
xii	<p>Which of the following is a major feature of the Dalma Wildlife Sanctuary?</p>	01	CO1	KL4

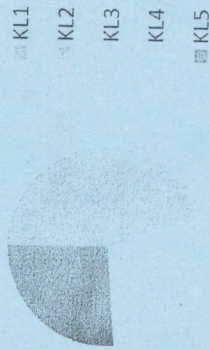
<p>a) River ecosystem</p> <p>b) Dense bamboo forests and Sal trees</p> <p>c) Desert landscape</p> <p>d) Coral reef conservation</p>				
<p><b>Section B (Answer any FOUR out of SIX) – 28 Marks</b> (Each question Carry 07 Marks)</p>				
Q. No.	QUESTIONS	Marks	COs	KL
2	Describe the sources and effects of air pollution. Critically evaluate the steps taken by the government to control air pollution.	07	CO4	KL2
3	Critically analyze the provisions and significance of the Environment (Protection) Act, 1986 in addressing environmental challenges in India.	07	CO5	KL4
4	Analyze the effects of population growth on natural resources and the environment. Discuss the significance and impact of family welfare programs in addressing the issue of population explosion.	07	CO2	KL4
5	Compare and contrast different types of ecosystems, focusing on their unique characteristics and biodiversity.	07	CO1	KL1
6	Explain the emergence of major environmental issues. Suggest strategies for effective environmental management at the global level.	07	CO2	KL2
7	Discuss the classification of resources. Highlight the causes and consequences of soil and land degradation and suggest solutions for sustainable resource management.	07	CO3	KL2
<p><b>Section C (Answer any TWO out of FOUR) – 30 Marks</b> (Each question Carry 15 Marks)</p>				
Q. No.	QUESTIONS	Marks	COs	KL
8	Discuss the major threats to biodiversity. How do biosphere reserves, national parks, and wildlife sanctuaries contribute to biodiversity conservation? Provide examples.	15	CO1	KL4
9	Discuss the role of international agreements in addressing global environmental challenges.	15	CO2	KL1
10	Discuss how the 17 SDGs are interconnected. Choose any three goals and explain how progress in one can impact the others.	15	CO2	KL4
11	Delhi, the capital of India, has been grappling with severe air pollution for decades. The Air Quality Index (AQI) frequently exceeds hazardous levels, especially during the winter months. In November 2024, Delhi experienced one of its worst pollution episodes, with AQI levels soaring above 400 in many areas, categorizing the air as "Severe."	15	CO4	KL2



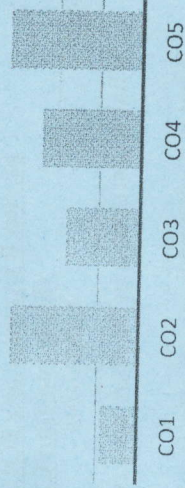
CO1	Examine the idea of a start-up
CO2	Analyse different types of start-ups and regulatory approvals required
CO3	Evaluate and dissect the challenges and opportunities of start-ups
CO4	Develop pitch decks for investor presentation for fund raising
CO5	Understand the valuation approaches for start-up companies

**GRAPHICAL REPRESENTATION**

**Bloom's Level Wise Marks Distribution**



**Course Outcome Wise Marks Distribution**



*Blom's Level Wise Marks Distribution*

**ARKA JAIN University** Jharkhand  
**NAAC GRADE A**  
**END SEM EXAMINATION**  
 School of Commerce & Management

<b>Program</b>	<b>Bachelor of Commerce (Capital Market)</b>	
<b>Subject Name</b>	<b>Start-Up Ecosystem And Valuations</b>	<b>Semester I</b>
		<b>Year</b>
		<b>January, 2025</b>
<b>Time: 3 Hour</b>	Start writing from 2nd page onwards; don't Write on the 1st Page Backside	
<b>Max. Marks : 70</b>	<ul style="list-style-type: none"> <li>Answer all Questions of Section A (Compulsory)</li> <li>Answer Any Four out of Six of Section B</li> <li>Answer Any Two out of Four of Section C</li> <li>Possession of Mobile Phones or any kind of Written Material, Arguments with the Invigilator or Discussing with Co-Student will come under <u>Unfair Means</u> and will <u>Result</u> in the <u>Cancellation of the Papers</u>.</li> </ul>	
<b>Knowledge Level (KL)</b>	<b>K1 : Remembering</b>	<b>K5 : Evaluating</b>
	<b>K2 : Understanding</b>	<b>K6 : Creating</b>
	<b>K3 : Applying</b>	
	<b>K4 : Analysing</b>	



<b>Section A (Each question Carry 01 Mark from Q1-i to xii) - 12 Marks</b>		<b>Questions</b>	<b>Marks</b>	<b>COs</b>	<b>KL</b>
<b>Q. N1</b>	<b>i</b>	Which of the following best defines a "start-up"? A) A small business with a stable and predictable growth model B) A business that focuses on rapid growth and scalability, often through innovation C) A family-owned business that has been running for several decades D) A company primarily focused on serving local customers with established products	01	CO1	KL1
	<b>ii</b>	When preparing a business plan, what is considered crucial for estimating the "penetration potential" of a product? A) The number of competitors in the market B) The price elasticity of the product C) The target market size and the product's ability to capture market share D) The total operating costs of the business	01	CO2	KL5
	<b>iii</b>	Which of the following is a common challenge that entrepreneurs face when choosing between different funding routes? A) The need to decide whether to use funds for marketing or product development B) The need to determine how to repay loans in the early stages of the business	01	CO3	KL2



iv	C) The challenges of finding mentors and advisors D) The difficulty of deciding between giving up equity or taking on debt Which of the following is part of a startup's revenue model? A) Customer feedback B) Subscription fees C) Funding rounds D) Employee salaries	01	CO4	KL2
v	What is typically the first stage of a start-up's journey? A) Market scaling B) Ideation and product development C) Profit generation D) Securing venture capital funding	01	CO1	KL1
vi	What does "venture capital" primarily refer to? A) Long-term loans provided by banks B) Capital raised through public stock offerings C) Funds provided for real estate development D) Investment in startup companies with high growth potential	01	CO3	KL1
vii	What is typically included in a "pitch deck" when seeking investment for a start-up? A) Detailed financial records from the past five years B) A roadmap for market dominance and future acquisitions C) An overview of the business, its unique value proposition, and market potential D) A list of competitors with their pricing models	01	CO2	KL3
viii	What does "diluting stake" mean for startup founders? A) Reducing ownership percentage by issuing new shares B) Selling personal assets C) Increasing the value of shares D) Taking loans to raise capital	01	CO4	KL4
ix	What does the term "exit strategy" refer to in the context of pre-IPO investors? A) Selling off company assets B) Plans for selling their shares to realize profits C) Exiting the stock market D) Transferring shares to employees	01	CO5	KL3
x	What is a primary goal of an IPO? A) To issue debt to investors B) To make the company private C) To raise capital by selling shares to the public	01	CO5	KL1

	D) To decrease the company's valuation	01	CO3	KL2
xi	Which of the following is the main purpose of "brainstorming" during the early stages of a start-up? A) To generate ideas for a business model B) To identify competitors in the market C) To define the pricing strategy for products D) To estimate the funds required for scaling	01	CO3	KL4
xii	How can future conflicts in partnerships be minimized? A) Avoiding formal agreements B) Clearly defining roles, responsibilities, and expectations C) Encouraging informal communication only D) Leaving conflicts unresolved for later negotiation	01	CO3	KL4
<b>Section B (Answer any FOUR out of SIX) – 28 Marks</b> (Each question Carry 07 Marks)				
Q. No.	QUESTIONS	Marks	COs	KL
2	What is disruption in the start-up ecosystem?	07	CO1	KL3
3	What is bootstrapping, and why is it important for start-ups?	07	CO2	KL5
4	Name three essential components of a pitch deck.	07	CO2	KL1
5	What is the key difference between angel investors, venture capitalists (VCs), and private equity (PE) investors?	07	CO3	KL5
6	Why are mentors and advisors important for start-ups?	07	CO3	KL2
7	What are the two primary routes for fund raising in start-ups?	07	CO4	KL4
<b>Section C (Answer any TWO out of FOUR) – 30 Marks</b> (Each question Carry 15 Marks)				
Q. No.	QUESTIONS	Marks	COs	KL
8	What role do merchant bankers play in the IPO process?	15	CO5	KL5
9	How can potential conflicts in partnerships be identified and mitigated?	15	CO4	KL3
10	Discuss the importance of an exit strategy for pre-IPO investors.	15	CO5	KL2
11	Explain the role of market testing and mapping in building traction for a start-up.	15	CO2	KL1



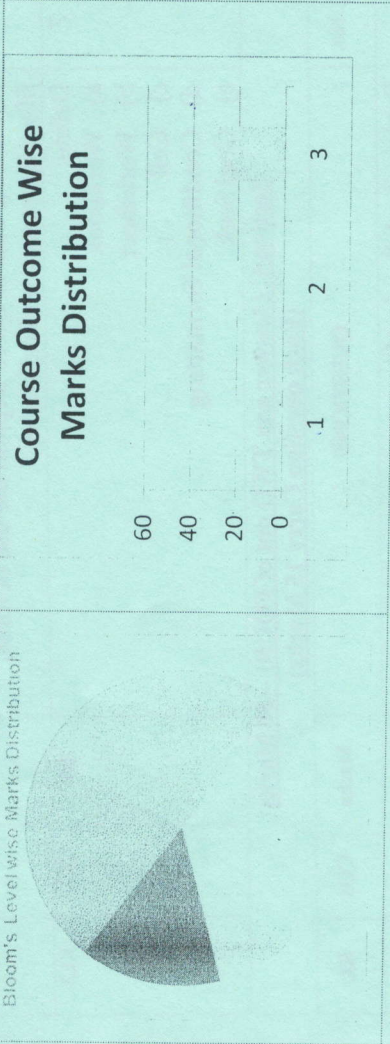
				<b>END SEM EXAMINATION</b> School of Commerce & Management	
<b>Program</b> Bachelor of Commerce (Capital Market)		<b>Semester</b> I		<b>Year</b> January, 2025	
<b>Subject Name</b> MS Excel and Statistics for Financial Markets		• Start writing from 2nd page onwards; don't Write on the 1st Page Backside • Answer all Questions of Section A (Compulsory) • Answer Any Four out of Six of Section B • Answer Any Two out of Four of Section C • Possession of Mobile Phones or any kind of Written Material, Arguments with the Invigilator or Discussing with Co-Student will come under <u>Unfair Means</u> and will <u>Result</u> in the <u>Cancellation of the Papers</u> .			
Time: 3 Hour Max. Marks : 70		<b>Knowledge Level (KL)</b> K1 : Remembering K2 : Understanding K3 : Applying K4 : Analysing K5 : Evaluating K6 : Creating			

9	What is a chart and explain different steps for inserting a chart in Excel? Describe various types of charts available in Ms-Excel.	15	CO2	KL4
10	Write short note on: > Regression > Correlation > Dispersion > Measure of Central Tendency	15	CO2	KL3
11	Create a salary sheet for 10 employees, assuming basic pay. Write the formula for HRA (20% of basic pay), DA (15% of basic pay) and deductions (10% of basic pay). Calculate net salary using required formulas.	15	CO3	KL3

**CO- Course Outcomes, KL- Knowledge Level, PO – Program Outcome**

CO1	Analyse the elements and process of MS Excel
CO2	Examine various kinds of MS Excel functions
CO3	Evaluate the utility of MS Excel across various research and analysis requirements
CO4	Develop various formats and measure the outcomes
CO5	Effective use of statistical skills required in financial markets across stock market, mutual funds, insurance and personal finance areas

**GRAPHICAL REPRESENTATION**



Q. N1	QUESTIONS	Marks	
		COs	KL
i	MS Excel 2019 has maximum column width limit is of __ characters a) 256 b) 512 c) 255 d) 128	01	CO1 KL1
ii	The intersection of a column and a row in MS Excel worksheet is known as _____ a) Row b) Cell c) Column d) Tab	01	CO1 KL1
iii	In Microsoft Excel spreadsheets, CELLS are labelled as _____ a) 1,2,3,.... b) A,B,C,.... c) A1,B1,C1.... d) I,II,III,....	01	CO2 KL1
iv	_____function in MS Excel worksheet represents the total number(s) of entries in the cell(s). a) SUM b) AVG c) COUNT d) TOTAL	01	CO1 KL2



Section B (Answer any FOUR out of SIX) – 28 Marks (Each question Carry 07 Marks)				
Q.No.	QUESTIONS	Marks	COs	KL
2	Answer the followings: a) How do you find and replace a value in Excel? What are the benefits of using the Find & Replace tool? b) Explain the "Undo" and "Redo" functions in Excel. How do these features help in managing errors?	07	CO1	KL2
3	Write the use case of the followings, with suitable example: a) If b) SumIf c) CountIf d) Averagelf	07	CO1	KL2
4	Discuss the difference between relative and absolute references with example.	07	CO2	KL3
5	A student database contains marks across 5 Subjects (English, Hindi, Maths, Science, SST). Use Excel functions to calculate Total marks achieved, Percentage, average, maximum and minimum.	07	CO3	KL4
6	Describe the process of entering, editing, and formatting data in Excel. Explain the use of fonts, fills, alignments, and cell styles.	07	CO2	KL3
7	Define: a) Workbook b) Worksheet c) Cell d) Conditional Formatting e) Goal Seek	07	CO1	KL3
Section C (Answer any TWO out of FOUR) – 30 Marks (Each question Carry 15 Marks)				
Q.No.	QUESTIONS	Marks	COs	KL
8	Explain the following financial functions in Excel: a) PV b) FV c) PMT d) NPER	15	CO1	KL2

v	_____ is NOT a Function in Microsoft Excel. a) HYPERLINK b) COUNTIF c) MIN d) AVG	01	CO1	KL2
vi	_____ can be used as a keyboard shortcut key to check spelling in MS Excel. a) F1 b) F7 c) F2 d) F12	01	CO2	KL1
vii	As a general rule, Excel will _____align numbers. a) Right b) Left c) Top d) Bottom	01	CO1	KL2
viii	_____ are a powerful tool to quickly group, summarize, and rearrange larger datasets. a) Cell references b) Function c) Pivot table d) Range	01	CO1	KL1
ix	A _____ analysis is the process of changing the values in cells to see how those changes will affect the outcome of formulas on the worksheet. a) Change b) Performance c) Pivotal d) What-if	01	CO1	KL1
x	_____ order arranges content in reverse alphabetical order, from Z to A. a) Reverse b) Major c) Ascending d) Descending	01	CO1	KL1
xi	Which key is used for help in MS excel? a) Windows + H b) F1 c) F10 d) F2	01	CO1	KL1
xii	Which of the following symbols needs to be added in the formula bar, before adding a formula? a) * b) % c) + d) =	01	CO1	KL1