

Date - 17th OCT, 25

F.Y.B.Com.(MS) – Semester I
BASICS OF INDIAN KNOWLEDGE SYSTEM

(Time: 60 min)

Total Marks: 30

Instructions:

17/10/2025

1. Q.1 is Compulsory.
2. Attempt **any 2** from Q. 2 to Q.4.
3. Figures to the right indicate full marks.

1. Read the passage and answer the following questions given below: -

10

PASSAGE: -

The introduction of metals, especially iron, marked an important phase in the history of deforestation in India. In the early Vedic period, the Aryans probably did not know iron, using the word *ayas* for metals in general. Archaeological findings suggest that iron appeared in India between 1000 and 800 B.C., and its tools made the cutting of large trees much easier. This innovation allowed agricultural groups to settle in forested regions, particularly as the Aryans moved eastward into the Gangetic plains.

When the Aryans arrived in north-west India, described in the Rigveda as *Sapta Sindhas* or the land of seven rivers, they began settling around 1400 B.C., first in Punjab and later across wider regions. Being both pastoral and agricultural, they required land for crops and grazing. To meet these needs, forests were cleared using fire, stone axes, and eventually iron implements. The burning of the Khandava forest in the Mahabharata symbolically represents such destruction through fire and deforestation.

During the early Vedic phase, forests were not destroyed for city building, as India had no major urban centers after the fall of the Harappan culture. Between this decline and the rise of the "second urbanization" around the 6th century B.C., historians note a thousand-year "Dark Age." Throughout this period, the Aryans lived amidst forests, mainly along riverbanks, clearing areas for villages and farmlands. Wood was central to their lives, used for cottages, carts, chariots, and fuel. Clearing of forest tracts also became necessary for creating roads and pathways to connect settlements.

Thus, Aryan expansion steadily accelerated deforestation, driven by agriculture, animal rearing, and communication needs. From ancient times, human survival and progress in India relied heavily on forest exploitation, laying the roots of deforestation deep in its early history.

Questions:-

1. What role did iron play in the history of deforestation in India?
2. How did the Aryans clear forests before the use of iron implements?
3. What does the burning of the Khandava forest in the Mahabharata symbolize?
4. Why were forests cleared during the early Vedic phase?
5. How was wood important in the lives of the Aryans?

2. Answer the following:

- a. Explain wastewater management practices in Ancient India.
- b. Describe the historical perspective of ancient tourism in India.

5

5

3. Answer the following:

- a. Explain the significance of town planning in Ancient India with suitable examples.
- b. Explain how Ancient Indian Stone masonry techniques influence other civilizations?

5

5

4. Answer the following:

- a. Explain the features of town planning during the Indus Valley Civilization.
- b. Discuss the role of early trade routes of the world in promoting tourism and cultural exchanges in Ancient India.

5

5

DATE: 15-10-25

BMS

SEAT NO. _____

Duration: _____ hours

Marks: _____

- Instructions: - (1) Question No. 1 is compulsory
 (2) Attempt any Two questions from Question nos 2, 3 & 4
 (3). Figures to the right indicate full marks
 (4) Use of simple calculator is allowed

Q:1	Read the given Map carefully and give answers to the questions given below	10
	Legend Age Groups Above 65 15 - 64 0 - 14 WORLD : AGE STRUCTURE (2015)	
1.	What is the theme of the map?	1
2.	Which cartographic technique is used to represent the theme?	1
3.	According to the map, which country shows the maximum percentage of elderly population and give reasons for your answer.	2
4.	According to the map, which country shows the maximum percentage of dependent minor population and give reasons for your answer.	2
5.	With the help of the scale, find out the approximate percentage of population between the age group of 15-64 years in China.	1
6.	State the composition of age structure of Indian population.	3
Q:2	Answer the following questions:	10
A)	Explain the term Ecosystem and classify its types.	5
B)	Describe the factors influencing the utilization of the natural resources?	5
Q:3	Answer the following questions:	10
A)	Elucidate the concept & discuss on significance of Ecological footprint	5
B)	Deliberate on the need and methods for Management & conservation of soil	5
Q:4	Write Short Notes on:	10
A)	Trophic Cascades	5
B)	Energy Crisis	5

F.Y.B. Com (MS) Semester - I**Subject: Communication Skills-I****Duration: 1 hour****Date: 13/10/25****Marks: 30 marks****Instructions for the candidate:**

1. This question paper contains one page.
2. Q.1 is Compulsory.
3. Attempt any 2 from Q. 2 to Q.4.
4. Answers to each new question should begin on a fresh page.
5. Figures on the right-hand side indicate full marks.
6. Use of a simple calculator is allowed.

Q 1	Answer the following	10 marks
	Draft a Letter of Application with Curriculum Vitae for the post of Assistant Teacher (English) at Green Valley High School. Use a full-block layout.	
Q 2	Answer the following	
A	Define communication. Explain its process with a neat diagram.	5 marks
B	What is grapevine communication? Describe its different types.	5 marks
Q 3	Answer the following	
A	What are physical barriers in communication? Explain with examples.	5 marks
B	Explain oral and written communication with suitable examples.	5 marks
Q 4	Answer the following	
A	Distinguish between active listening and passive listening.	5 marks
B	Summarize the following passage. Reading is one of the most useful habits a person can develop. It not only increases knowledge but also improves language and thinking skills. Through books, magazines, and newspapers, we are introduced to new ideas, cultures, and perspectives. Reading helps in building vocabulary and improves concentration. It also sharpens memory and analytical skills by encouraging us to think critically about what we read. For students, reading is very important as it strengthens understanding of subjects and improves academic performance. Apart from studies, reading storybooks, novels, and biographies can provide relaxation, entertainment, and inspiration. In today's digital world, where social media often takes most of our time, the habit of reading keeps the mind active and reduces stress. Cultivating the habit of daily reading is therefore one of the best investments in self-development and personal growth.	5 marks

F.Y.B. Com (Management Studies) Semester - I
Subject: Introduction to Financial Accounting

Date: 11/10/25

Duration: 1 hour

Marks: 30 marks

Instructions for the candidate:

1. This question paper contains 3 pages
2. Q.1 is Compulsory.
3. Attempt any 2 from Q. 2 to Q.4.p
4. Answers to each new question should begin on a fresh page.
5. Figures on the right-hand side indicate full marks.
6. Use of simple calculator is allowed.

Q 1	Answer the following	10 marks																
	Record the following transactions in the Triple column Cash Book of Mr. Bajaj for April, 2023 and balance the Cash Book: April 1: Cash on hand Rs. 4,500 and Balance at Bank Rs. 60,000 April 3: Received from Paresh on account Rs.1,585 in cash and allowed a discount of Rs.15 April 10: Paid Harish by cheque Rs. 3,550 in full settlement of Rs.3,570 April 15: Received a cheque amounting to Rs.1,300 from Bindu in full settlement of her account for Rs.1,400 April 18: Goods sold for cash Rs. 20,000 April 20: Paid for staff salaries Rs. 3,000 by cash April 22: Purchased second hand motor car for office use from Sai Services for Rs.34,000 by cheque. April 24: Withdrew from bank Rs.4,000 for office use and Rs.2,000 for personal use																	
Q 2	Answer the following																	
A	The following balances are extracted from the books of Shekhar. Prepare a Trial Balance as on 31st March,2022 <table><tr><td>Particulars</td><td>Amount (Rs.)</td></tr><tr><td>Sundry Debtors</td><td>56,000</td></tr><tr><td>Creditors</td><td>17,000</td></tr><tr><td>Wages</td><td>35,000</td></tr><tr><td>Bank Overdraft</td><td>9,000</td></tr><tr><td>Salary</td><td>36,000</td></tr><tr><td>Dividend Received</td><td>1,300</td></tr><tr><td>Shekhar's Capital</td><td>96,800</td></tr></table>	Particulars	Amount (Rs.)	Sundry Debtors	56,000	Creditors	17,000	Wages	35,000	Bank Overdraft	9,000	Salary	36,000	Dividend Received	1,300	Shekhar's Capital	96,800	5 marks
Particulars	Amount (Rs.)																	
Sundry Debtors	56,000																	
Creditors	17,000																	
Wages	35,000																	
Bank Overdraft	9,000																	
Salary	36,000																	
Dividend Received	1,300																	
Shekhar's Capital	96,800																	

	<table><tr><td>Bills Payable</td><td>10,000</td></tr><tr><td>Purchases</td><td>1,56,000</td></tr><tr><td>Sales</td><td>2,83,600</td></tr><tr><td>Purchase Returns</td><td>2,400</td></tr><tr><td>Sales Returns</td><td>10,000</td></tr><tr><td>Machinery</td><td>44,000</td></tr><tr><td>Building</td><td>70,000</td></tr><tr><td>Cash in Hand</td><td>13,100</td></tr></table>	Bills Payable	10,000	Purchases	1,56,000	Sales	2,83,600	Purchase Returns	2,400	Sales Returns	10,000	Machinery	44,000	Building	70,000	Cash in Hand	13,100													
Bills Payable	10,000																													
Purchases	1,56,000																													
Sales	2,83,600																													
Purchase Returns	2,400																													
Sales Returns	10,000																													
Machinery	44,000																													
Building	70,000																													
Cash in Hand	13,100																													
B	From the following details prepare a Manufacturing Account in the books of Mr. Pratham for the year ended 31st March, 2022 <table><tr><td>Particulars</td><td>Amount (Rs.)</td></tr><tr><td>Purchases of Raw Materials</td><td>3,40,000</td></tr><tr><td>Wages</td><td>40,000</td></tr><tr><td>Factory Rent and Repairs</td><td>6,000</td></tr><tr><td>Purchase Return</td><td>5,000</td></tr><tr><td>Factory Maintenance</td><td>17,500</td></tr><tr><td>Bad Debts</td><td>1,500</td></tr><tr><td>Sales</td><td>5,00,000</td></tr><tr><td>Depreciation on Factory Shed</td><td>10,500</td></tr><tr><td>Furniture and Fixtures</td><td>2,00,000</td></tr><tr><td>Opening Work-in-Progress</td><td>8,000</td></tr><tr><td>Closing Work-in-Progress</td><td>5,000</td></tr><tr><td>Sales Return</td><td>7,500</td></tr><tr><td>Advertisement</td><td>9,200</td></tr></table>	Particulars	Amount (Rs.)	Purchases of Raw Materials	3,40,000	Wages	40,000	Factory Rent and Repairs	6,000	Purchase Return	5,000	Factory Maintenance	17,500	Bad Debts	1,500	Sales	5,00,000	Depreciation on Factory Shed	10,500	Furniture and Fixtures	2,00,000	Opening Work-in-Progress	8,000	Closing Work-in-Progress	5,000	Sales Return	7,500	Advertisement	9,200	5 marks
Particulars	Amount (Rs.)																													
Purchases of Raw Materials	3,40,000																													
Wages	40,000																													
Factory Rent and Repairs	6,000																													
Purchase Return	5,000																													
Factory Maintenance	17,500																													
Bad Debts	1,500																													
Sales	5,00,000																													
Depreciation on Factory Shed	10,500																													
Furniture and Fixtures	2,00,000																													
Opening Work-in-Progress	8,000																													
Closing Work-in-Progress	5,000																													
Sales Return	7,500																													
Advertisement	9,200																													
Q 3	Answer the following																													
A	Journalise the following transactions in the Journal of Miss Natasha for the month of July, 2024: July 1: Sold goods to Mehul Rs.15,000 and paid carriage on his behalf. July 15: Purchased goods worth Rs.5,000 on credit from Vinita. July 17: Paid cash Rs. 4,500 to Vinita in full settlement of her account July 20: Paid Salary to Vijay Rs. 5,000	5 marks																												
B	On 31st March, 2015, the Cash Book (bank column) of Mr. Hemant showed a debit balance of Rs.14,000, but the bank Pass Book showed a different balance. On investigation the following discrepancies were found. Prepare a Bank	5 marks																												

	Reconciliation Statement as on 31st March, 2015 and find out the balance as per Pass Book: i) Mr. Amit directly deposited Rs.300 into the Bank account of Mr. Hemant. The entry for the same was recorded in the Cash Book on 4th April,2015 ii)The Bank has debited the Pass Book by Rs.10 for Bank Charges. The corresponding entry of the same was not found in the Cash Book. iii) Cheques of Rs.600 received from the customers were deposited into the Bank, but they were credited in the bank Pass Book on 2nd April,2015 iv) Cheques of Rs.500 were issued on 25th March,2015 but both the cheques were presented for payment on 5th April,2015	
Q 4	Answer the following	
A	Write a short note on Accounting Standard 9 issued by ICAI.	5 marks
B	State giving reasons whether the following are Capital, Revenue or Deferred Revenue (Expenditures or Receipts) i) Loss on sale of Machinery Rs.10,000 ii) Rs.1,000 received from a customer on account of goods sold. iii) Additional Capital invested by proprietor Rs. 25,000 iv)A petrol driven engine of a car replaced by a diesel engine for Rs.5,300 v) Brokerage and Commission of Rs.5,00,000 paid for Issue of Shares.	5 marks

F.Y.B. Com (MS) Semester - I
Subject: QUANTITATIVE METHODS I
Duration: 1 hour

Date: 10/10/25

Marks: 30 marks

Instructions for the candidate:

1. This question paper contains 2 pages
2. Q.1 is Compulsory.
3. Attempt any 2 from Q. 2 to Q.4.
4. Answers to each new question should begin on a fresh page.
5. Figures on the right-hand side indicate full marks.
6. Use of simple calculator is allowed.

Q 1	Answer the following	10 marks														
	Following data represent attendance record in days of 30 students. 74, 45, 32, 64, 50, 65, 75, 50, 60, 66, 58, 52, 35, 45, 40, 37, 41, 51, 47, 61, 59, 60, 57, 52, 55, 49, 40, 50, 46, 60 a) Construct frequency distribution table by taking classes 30-40, 40-50 & so on. b) Draw frequency polygon to represent given distribution c) Calculate average attendance of 30 students.															
Q 2	Answer the following															
A	Calculate median & mode of the given distribution <table><tr><td>Height in inches</td><td>10-12</td><td>12-14</td><td>14-16</td><td>16-18</td><td>18-20</td></tr><tr><td>Number of plants in nursery</td><td>100</td><td>120</td><td>180</td><td>130</td><td>120</td></tr></table>	Height in inches	10-12	12-14	14-16	16-18	18-20	Number of plants in nursery	100	120	180	130	120	5 marks		
Height in inches	10-12	12-14	14-16	16-18	18-20											
Number of plants in nursery	100	120	180	130	120											
B	A sample of 10 pairs of observation of x & y lead to the following result. $\sum x = 450, \sum y = 420, \sum x^2 = 42100, \sum y^2 = 38200, \sum xy = 38600$ Calculate Karl Pearson's correlation coefficient between x & y	5 marks														
Q 3	Answer the following															
A	Following data represent runs made by batsman & wickets taken by bowler in 6 different Calculate coefficient of range for both players & suggest performance of which player is better <table><tr><td>Runs</td><td>45</td><td>120</td><td>67</td><td>80</td><td>48</td><td>60</td></tr><tr><td>Wickets</td><td>5</td><td>4</td><td>3</td><td>5</td><td>3</td><td>4</td></tr></table>	Runs	45	120	67	80	48	60	Wickets	5	4	3	5	3	4	5 marks
Runs	45	120	67	80	48	60										
Wickets	5	4	3	5	3	4										
B	Discrete random variable X follows probability distribution given below <table><tr><td>X</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>p_i</td><td>k</td><td>$3k$</td><td>$5k$</td><td>$2k$</td><td>k</td></tr></table> a) Find the value of k b) Find $P(2 < X \leq 5)$ c) Find $P(X > 3)$ d) Find $P(X \leq 2)$ e) Find $P(2 \leq X < 4)$	X	1	2	3	4	5	p_i	k	$3k$	$5k$	$2k$	k	5 marks		
X	1	2	3	4	5											
p_i	k	$3k$	$5k$	$2k$	k											

Q 4	Answer the following										
A	Calculate trend values by 4 yearly moving average method										5 marks
	Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	
	Population in Lakhs	54	60	66	68	72	75	80	85	89	
B	Calculate 4 th decile & 65 th percentile										5 marks
	Weight in gm	50-60	60-70	70-80	80-90	90-100					
	Number of mangoes sold	23	37	40	25	15					

Instructions for the candidate:

1. This question paper contains 2 pages
2. Q.1 is Compulsory.
3. Attempt any 2 from Q. 2 to Q.4.
4. Answers to each new question should begin on a fresh page.
5. Figures on the right-hand side indicate full marks.
6. Use of simple calculator is allowed.

Q 1	Answer the following	10 marks
	Case Study: Opportunity Cost in a Tech Start-up A tech startup faced a strategic decision between developing a mobile app or launching an AI-based service platform. Applying the principle of opportunity cost, the management analyzed the benefits and potential returns of each option. They realized that focusing resources on one option means forgoing the benefits of the other. Opportunity cost, therefore, is critical in decision-making to ensure that scarce resources are used where they yield the highest returns. The management also recognized that opportunity costs are not solely monetary; time, effort, and market positioning play important roles. Additionally, risk considerations were factored into the decision, and tools like cost-benefit analysis helped in comparing alternatives. The start-up ultimately selected the AI service after realizing it offered a higher long-term strategic advantage given market trends and competitive gaps. Questions: Q1. What is an opportunity cost? Q2. Why is opportunity cost important in decision making? Q3. How does the concept of opportunity cost apply to this case study?	

	Q4. Is opportunity cost always monetary?	
	Q5. Why did the start-up selected the AI service?	
Q 2	Answer the following	
A	Explain the Importance of Business Economics.	5 marks
B	Explain the relationship between TR, AR and MR under perfect competition.	5 marks
Q 3	Answer the following	
A	Explain the nature of demand curve under oligopoly.	5 marks
B	Explain the promotional elasticity of demand.	5 marks
Q 4	Answer the following	
A	Construct a demand schedule and demand curve from the following equation: $Q_d = 350 - 14P$, Assume the price to be Rs.10,15, 20 and 25.	5 marks
B	Discuss the factors influencing elasticity of demand.	5 marks

Instructions for the candidate:

1. This question paper contains 1 pages
2. Q.1 is Compulsory.
3. Attempt any 2 from Q. 2 to Q.4.
4. Answers to each new question should begin on a fresh page.
5. Figures on the right-hand side indicate full marks.
6. Use of simple calculator is allowed.

Q 1	Answer the following	10 marks
	What is operating system? Explain its categories based on the purpose and functionality.	
Q 2	Answer the following	
A	Briefly explain table and its terminologies.	5 marks
B	Write any 5 difference between Mozilla Firefox and Google Chrome.	5 marks
Q 3	Answer the following	
A	Explain the components of database.	5 marks
B	What is network? Explain its types.	5 marks
Q 4	Answer the following	
A	What is CBIS? Explain its types.	5 marks
B	Differentiate between Traditional Commerce and E-Commerce.	5 marks

F.Y.B. Com (Management Studies) Semester - I

Subject: Bhartiya Theory of Management Style

Date: 8/10/25

Duration: 1 hour

Marks: 30 marks

Instructions for the candidate:

1. This question paper contains 1 page.
2. Q.1 is Compulsory.
3. Attempt any 2 from Q. 2 to Q.4.
4. Answers to each new question should begin on a fresh page.
5. Figures on the right-hand side indicate full marks.
6. Use of simple calculator is allowed.

Q 1	Answer the following	10 marks
	An Indian IT company integrates Bhartiya management styles rooted in ancient Indian wisdom into its modern management practices. Inspired by principles from the Bhagavad Gita and Arthashastra, the leadership emphasizes ethical decision-making, collective wellbeing. The company promotes a culture of trust, respect, and holistic growth, blending spiritual values with business goals. Leaders practice situational leadership by adapting their style according to the team's maturity and the business environment, fostering employee empowerment and sustainable success. This approach helped improve employee engagement and providing the company a competitive edge while staying true to Indian cultural ethos. 1. Explain some key Bhartiya management values reflected in this case? 2. Why is it important for modern Indian companies to align management styles with ancient Indian cultural ethos?	
Q 2	Answer the following	
A	Write brief note on evolution of Bhartiya theory in 'Contemporary period'.	5 marks
B	What is Management by good counsel? State its features.	5 marks
Q 3	Answer the following	
A	Write brief note on 'Relationship based Management Style' and its impact on employee participation and engagement.	5 marks
B	State the features of Management by Passionate Activity.	5 marks
Q 4	Answer the following	
A	Explain 'Gandhian Management style'.	5 marks
B	What is the importance of management by self-transformation in personal and professional growth?	5 marks
