Course Name:		IT Skills for Management and Technology Platforms	Course Code	C113	
Roll No.			**Marks**	**60**	
Total No. of Questions		6	**Duration**	**3 Hours**	
Total No. of printed pages		3	**Date**	**09-03-2023**	

Course Outcome Statements:
CO1: Remember the Shortcut Ways to speed up the work.
CO2: Basic understanding of IT Skills for Management and Technology Platform
CO3: Application of basic IT and computer techniques & tools in the business context
CO4: Analyse/ connect the importance of Data Management for effective decision making
CO5: Evaluate Application of IT across the industries

Instructions: -			Marks	BL	CO
Q. No 1 (All Questions are Compulsory)					
Q. No.		**Questions**			
Q. 1		Case/Case-let Study (500-800 words)			
	a.	'A' company is a global retail chain that has been in business for over 50 years. With over 10,000 stores worldwide and millions of customers, the company generates massive amounts of data every day. The company's leadership team recognized the importance of leveraging this data to make informed decisions and gain a competitive edge in the market. However, they faced several challenges in managing their data effectively which are as below: **Data Silos**: Company 'A' had multiple data sources across different departments and regions, resulting in data silos. This made it challenging to access and analyze data in a meaningful way. **Data Quality:** Due to the large volume of data generated, it was difficult to ensure data quality. The data was often incomplete, inaccurate, or inconsistent. **Lack of Data Governance**: There was no clear data governance policy in place. This resulted in inconsistent data definitions and processes across different departments and regions. *Answer the following questions:*			
	a.	**Examine** the challenges of company 'A' and the risks of data management.	6	Level 4	CO4
	b.	**Recommend** your probable solutions to overcome these challenges.	6	Level 5	CO5
Q. 2		Answer **Any one** from the following.			
	a.	**Determine** a critical component of any business that operates online or uses digital communication tools and which enables data transmission over the internet and other computer networks with relevant examples.	6	Level 5	CO5
	b.	**Justify** the critical role of emerging communication technologies with relevant examples to provide a competitive edge.	6	Level 5	CO5

Q. 3		Answer **Any one** from the following.			
	a.	**Examine** the following data and using the proper lookup function, find out the price of a laptop. Write a proper formula for the same and mention the meaning of every parameter and finally the answer in number as well:	**6**	**Level 4**	**CO4**

	A	B	C	D	E	F
1	**Product**	Desktop	Laptop	SSD	Hard Disk	Motherboard
2	**Quantity**	50	25	20	10	5
3	**Price**	65000	75000	4000	4500	7000

	b	**Analyse** the following data and **simplify** it by using the filtering option and mentioning its importance in MS Excel which will help to show the records of only males over the age of 40. Also mention how we can show the results in other location without disturbing the original data. Write the final records which will be displayed after using the option.	**6**	**Level 4**	**CO4**

ID	Name	Age	Gender	City
1	John	30	Male	New York
2	Jane	25	Female	Los Angeles
3	David	45	Male	Chicago
4	Sarah	35	Female	Houston
5	Michael	50	Male	Philadelphia
6	Lisa	28	Female	San Francisco
7	Jason	42	Male	Miami
8	Emily	31	Female	Seattle
9	Eric	38	Male	Dallas
10	Rachel	27	Female	Boston

Q. 4		Answer **Any two** from the following.			
	a.	By **applying** the proper formula, calculate the Payment Term (EMI). Write the meaning of the formula and every parameter step by step:	**6**	**Level 3**	**CO3**

	A	B	C
1	LOAN AMOUNT	25,00,000	
2	RATE	10%	
3	PERIOD	70	Months
4			

	b	Based on the following data, assuming passing marks is 50 in every subject, **identify and apply** the correct formula to find out whether the student is passed or failed. Write down the entire formula and the names of the students and the subject names in which they are failed.	**6**	**Level 3**	**CO3**

A	B	C	D	E	F
	Sr. No.	NAME	Physics	Chemistry	Biology	Maths
2	1	Prajakta	89	87	98	42
3	2	Swati	92	84	87	96
4	3	Amit	95	90	85	98
5	4	Arjun	84	97	86	90

	c.	Read the following situation carefully and **make use of** the most effective and relevant option in MS Excel in this situation with example: If your organisation has a goal to save a certain amount of money in a specific time frame, but you're not sure how much you need to save each month to reach that goal.	6	Level 3	CO3
Q. 5		Answer **Any two** from the following.			
	a.	**Explain** the following concepts in detail with the relevant examples: • Domain Names • Web hosting	6	Level 2	CO2
	b	**Illustrate** the difference between a transition and an animation in MS PowerPoint with example.	6	Level 2	CO2
	c.	Sold 20 new SSDs to PQR organisation for Rs. 4000/- each on credit @18% GST. **Explain** it by passing the correct voucher entry and mentioning the ledger accounts required for passing this entry.	6	Level 2	CO2
Q. 6		Answer **Any two** from the following.			
	a.	**What** is web design and **which** are the elements (minimum 5) of a good web design?	6	Level 1	CO1
	b	**List** 6 field names with their corresponding data types with its explanation in MS Access.	6	Level 1	CO1
	c.	**What** is Microsoft Word and what are its key features?	6	Level 1	CO1