

18.02.20 EVERWIN VIDHYASHRAM
 STD:XI (Con) TT – Accountancy Marks:25

1. Krishna Kulkarni has not kept proper books of accounts prepare the statement of profit or loss for the year ending March 31, 2016 from the following information: (10)

	April 01, 2016 (Rs.)	March 31, 2017 (Rs.)
Cash in hand	10,000	36,000
Debtors	20,000	80,000
Creditors	10,000	46,000
Bills receivable	20,000	24,000
Bills payable	4,000	42,000
Car	-	80,000
Stock	40,000	30,000
Furniture	8,000	48,000
Investment	40,000	50,000
Bank balance	1,00,000	90,000

The following adjustments were made:

- Krishna withdrew cash Rs. 5,000 per month for private use.
- Depreciation @ 5% on car and furniture @ 10%.
- Outstanding Rent Rs. 6,000.
- Fresh Capital introduced during the year Rs. 30,000.

2. Mrs. Bhavana keeps his books by single Entry System. You're required to prepare final accounts of her business for the year ended March 31, 2017. Her records relating to cash receipts and cash payments for the above period showed the following particulars: (15)

Summary of Cash

Receipts	Amount Rs.	Payments	Amount Rs.
Opening balance of cash	12,000	Paid to creditors	53,000
Further capital	20,000	Business expenses	12,000
Received from debtors	1,20,000	Wage paid	30,000
		Bhavana's drawings	15,000
		Balance at bank on March 31, 2017	35,000
		Cash in hand	7,000
	1,52,000		1,52,000

The following information is also available:

	April 01, 2016 Rs.	March 31, 2017 Rs.
Debtors	55,000	85,000
Creditors	22,000	29,000
Stock	35,000	70,000
Plant	1,00,000	1,00,000
Machinery	50,000	50,000
Land and Building	2,50,000	2,50,000
Investment	20,000	20,000

All her Sales and Purchases were on credit. Provide depreciation on plant and building by 10% and machinery by 5%, make a provision for bad debts by 5%.

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EVERWIN VIDHYASHRAM

STD:XI (Maj)

TT – Maths

Marks:25

I. Do The Following:

5x5=25

1. Write in roster form:

a) $A = \{x : x \text{ is an integer and } -3 \leq x < 7\}$

b) $D = \{x : x \text{ is a prime number which is divisor of } 60\}$.

2. Write in set-builder form.

a) $\{2,4,8,16,32\}$ b) $\{1,4,9, \dots, 100\}$.

3. What universal sets would you propose for

a) Each i) The set of right angles. ii) The set of isosceles triangles.

b) Write down all the subsets of $\{a,b\}$.

4. Define :

i) Union of sets with examples. ii) Intersection of sets with examples.

5. If $A = \{3,5,7,9,11\}$, $B = \{7,9,11,13\}$, $C = \{11,13,15\}$ and $D = \{15,17\}$ find

i) $A \cap B$ ii) $A \cup C$ iii) $A \cap (B \cup C)$ iv) $(A \cup D) \cap (B \cup C)$ v) $B \cap C \cap D$