

EVERWIN VIDHYASHRAM

TT – MATHS

20.01.20

STD:XI (Maj)

Marks:25

1. Find the distance between  $(-3,7,2)$  and  $(2,4,-1)$ .
2. Verify:  $(-1,2,1)$ ,  $(1,-2,5)$ ,  $(4,-7,8)$  and  $(2,-3,4)$  are vertices of a parallelogram.
3. Using section formula, prove that the three points  $(-4, 6,10)$ ,  $(2,4,6)$  and  $(14,0,-2)$  are collinear.
4. Find the coordinates of the point which divides the line segment joining the points  $(-2,3,5)$  and  $(1,-4,6)$  in the ratio  
i) 2:3 internally ii) 2:3 externally.
5. Find the coordinates of the points which trisect the line segment joining the points  $P(4,2,-6)$  and  $Q(10,-16,6)$ .

EVERWIN VIDHYASHRAM

TT – Accountancy

20.01.20

STD:XI (Con)

Marks:25

1. Prepare trading and profit and loss account of M/s Sports equipments for the year ended march 31, 2014 and Balance sheet as on that date: (10 Marks)

Particulars	Debit Rs.	Credit Rs.
Opening Stock	50,000	
Purchases and Sales	3,50,000	4,21,000
Sales Return	5,000	
Capital		3,00,000
Commission		4,000
Creditors		1,00,000
Bank Overdraft		28,000
Cash in hand	32,000	
Furniture	1,28,000	
Debtors	1,40,000	
Plant	60,000	
Carriage on purchase	12,000	
Wages	8,000	
Rent	15,000	
Bad debts	7,000	
Drawings	24,000	
Stationery	6,000	
Travelling expenses	2,000	
Insurance	7,000	
Discount	5,000	
Office expenses	2,000	

Closing Stock as on march 31, 2014 Rs. 2,500

2. The following trial balance is extracted from the books of M/s Ram on march 31, 2014. Prepare final accounts as on date. (10Marks)

Particulars	(Debit) Rs.	Particulars	Credit Rs. 5,000
Debtors	12,000	Apprenticeship premium	
Purchases	50,000	loan	10,000
Coal, gas and water	6,000	Bank overdraft	1,000
Factory wages	11,000	Sales	80,000
Salaries	9,000	Creditors	13,000
Rent	4,000	Capital	20,000
Discount	3,000		
Advertisement	500		
Drawings	1,000		
Loan	6,000		
Petty Cash	500		
Sales return	1,000		
Machinery	5,000		
Land and Building	10,000		
Income tax	100		
Furniture	9,900		

3. From the following balance calculate the amount of (5 Marks)

- Cost of goods available for sale
- Cost of goods sold during the year

Opening stock	25,000
Credit purchase	7,50,000
Cash purchase	3,00,000
Credit sales	12,00,000
Cash sales	4,00,000
Wages	1,00,000
Salaries	1,40,000
Closing stock	30,000
Sales return	50,000
Purchase return	10,000