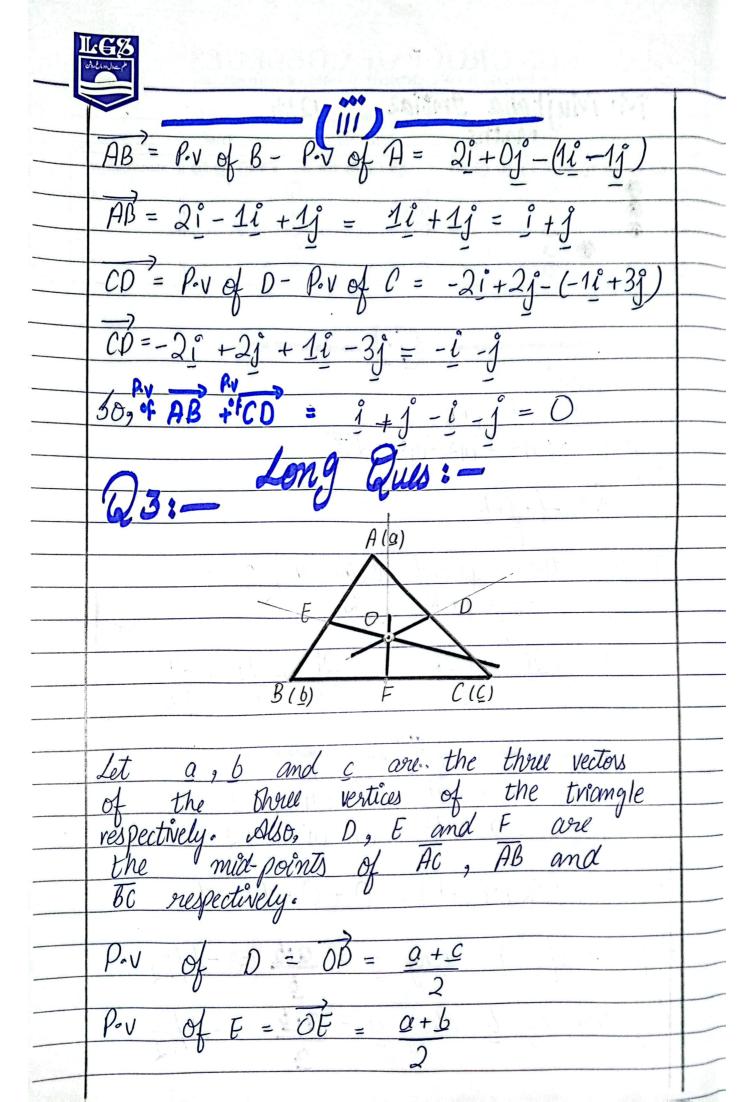


LGS GROUP OF COLLEGES A PROJECT OF LAHORE GRAMMAR SCHOOL M. Muitaha Amtia? 12 th

	Name: VI IVIU CODA JMLIOZ Class: 12Fh Roll No.									
	Subject: Date:	-								
	0 0 0 0 0 0 0 0 0 0 Marks Ob	ained								
		4								
	30	`								
	[0000 00000 00000 00000 00000 00000 0000									
	Given that									
	$V = -\hat{i} + \hat{i} + k$									
	$ M = \sqrt{1 + 1/2} = \sqrt{3}$									
	309									
	$\sqrt{1 = 1 + 1 + k}$									
	$\hat{N} = -\hat{l} + \hat{j} + \hat{k}$									
_	To lind the manifest Nector of									
_	To find the nequired vector u, $u = -\underline{i} + \underline{j} + \underline{K} \times 2$									
_	$\frac{\mathcal{U} = -l + j + k}{l^2} \times \frac{\mathcal{U}}{\mathcal{U}}$									
_	y = -2i + 2j + 2k = -2i + 2i + 2k									
	$\frac{1}{\sqrt{3}}$ $\frac{1}{\sqrt{3}}$ $\frac{1}{\sqrt{3}}$ $\frac{1}{\sqrt{3}}$									
_	$a = i - k \neq = 7 91 = \sqrt{11 ^2 + (-1)^2} = \sqrt{2}$ $b = i + k = 7 161 = \sqrt{11 ^2 + (11)^2} = \sqrt{2}$									
_	$a = i - k \neq = 7 g = \sqrt{(1)^2 + (-1)^2} = \sqrt{2}$	The state of the s								
	$b = i + k$ -) $ b = \sqrt{(1)^2 + (1)^2} = \sqrt{2}$									
_	- 1									
	$a \cdot b = (1 - k) \cdot (1 + k) = 0 + 0 - 1 = -1$									
	Projection of a along $b = \frac{a \cdot b}{b} = -1/\sqrt{2}$									
	1 2									
	Projection of b along $\alpha = \frac{a \cdot b}{a} = -1/\sqrt{2}$									
_	1 0 - 0 - 1/2									
_										





LGS GROUP OF COLLEGES

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Student Name:

Pov	od	F=	邵=	b+c
				2

$$AB = b - a$$

$$\overline{BC} = P \cdot V \text{ of } C - P \cdot V \text{ of } B$$

$$\overline{BC} = C - B$$

OF I AB
$$\Rightarrow$$
 OF AB = 0

$$\Rightarrow \frac{g+b}{2} \cdot (b-a) = 0$$

$$(b+a) \cdot (b-a) = 0$$

$$(b+a) \cdot (b-a) = 0$$

$$\frac{(b+c)}{2}, \quad (c-b)=0$$

$$(c+b) \cdot (c-b) = 0$$

$$c^2-b^2=0$$
 (2)

Adding eq. (1) and eq.

