aved Raza "QUIZ" for Lecture 3

E-MAILSCANNED .pdf OF COMPLETED QUIZ to DrZcalc3@gmail.com (Attachment: q3FirstLast.pdf) ASAP BUT NO LATER THAN Sept. 15, 8:00pm

NAME:

1. Find an equation of the plane that passes through the points (0, 1, 1), (1, 0, 1), (1, 1, 0).

 $\lambda(X-X_0) + b(X-X_0) + ((Z-Z_0)) + b(X-X_0) + b(X-X_0)$ 0/1/2 = 2/1, -1, 0/21/0] $\searrow -10$ th (1, 1) $(\chi - 0) - (\chi +$ 0 $\begin{pmatrix} - \end{pmatrix}$

2. Find the intersection of the line

 $\mathbf{r}(t) = \langle 1, 1, 0 \rangle + t \langle 0, 2, 4 \rangle$

and the plane

++ |+2+ +4+ =19 14 $x + y + z = 14 \quad .$ 17 =13 (+)=(+,+)f=x 2+= y ++= Z ¥ ¥=7