## J=17 4

I.) A WAVE PACKET IS A MATHEMATICAL CONSTRUCT FOR DESCRIBEND THE WAVE BEHAVEOR OF A PARTCELE, A WAVE PALKET IS CONSTRUCTED AS A LINEAR COMBINATION OF PLANE WHES OF DEFENITE WAVE LENGTH. 2.) PERHAPS IF THE PHASE SPEED (THE FREQUENCY OFF THE INDUCTIONAL COMPONENTS OF THE WAVE PACKET DEVERGES FROM THE GROUP SPEED (THE AGGREGATE = FLEQUENCY YOU GET A TYPE OF WAVE PACKET DESPERSION.