Genetics.

D.N.A. synthesis occurs during interphase.

∴ gene in ½ state at end of telephase.

note: ~~the fact that the~~ does "relic coiling" ~~more~~ suggest that the single chain ~~expands~~ takes up the helical form, otherwise there would be coiling during synthesis.

? when is the protein part synthesised [amount of protein in nucleoprotein ?]