Pranja) Dhatt TU3F2223089 TEB 030 Assignment. 4

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Ol Compare infractructure based onetwork & Ad-hoc -> infragtructure Network Ad-hoc 1) This network is faster than Ad DTh's network is slower than Ad DTh's network is slower than Ad DTh's network 2) This naturork provides more 3) This natural provides faver security options. In this natural access point: 3) There is no need for access point handles all wireless nodes in Ad-hoc networks which are present in range 4) Applications are IEEF 802.11 4) Bluetooth is a type of Ad hoc L HIPERLANZ network. 5) This network used frequently 5) This networks are frequently in hetel lobbis , airport lough west in the military, local networks or stations, etc. are used for mommunication and my a fixed group of people, etc. network pan intrastructure network metwork metwork on Adhac network is used

Assignment 5 What is trionglellar rotating P How it can be resolved. - Explain in detail packet from a CN destined to on MN needs to be routed of the MN. and then tunneled to the foreign agent -97 the corresponding node & MN are very near, then also the IP packet has to travel a long way to reach the MV This is effecient behaviour of a non optimized mobile Il is called trangular routing mobile host Triangular Routing Note optimization to avoid briangular routing to solve triangular routing problem 19 route optimization protocol has been intrale -cell Basically this protocol defines some messages as to informa location of the HN is known , the CN itset performs turneling If protocol needs for additional messages, these Supervisor's Sign. :__

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Explain various components used in LTE architecture diagram - Signals - Traffic 1) The user Equipment (UE) The Internal architecture of the user equipment for LTE is identical to the one used by DMTS I GUM which 13 actually a mobile Eyripment (ME)-The mobile eguipment comprised of the following important modules O Mobile Termination (MD) This handles all the communication functions Terminal Equipment (TE) This terminates the data strain B) Universal Integrated circuit streams This is also known as the 61M cards for LTF equipment.

This is also known as the only ersal subscriber Identity mobile (USIM) (The E-UTRAN CThe access networks The architecture of evolved UMTS Terrestic Radio aces network CE - UTRAN has been shown. The E-VIRAN handles the radio semmunications between the mobile

L'the evolved partet core l'just has one component, The evolved base stations called e Node Bor eNB. Each eNB is a base station that controls he mobiles in one or more colls the base station that is communication with a mobile in known as its

Sundaram