Bhatt Pranjal 10/2 TE-B B036 Date: Mobile Computing
Assignment -10 What is mobile computing? Describe various application of mobile computing. Mobile computing refers to the ability to use computing derices white being mobile & not restricted to fixed location. It involves wireless communication, mobile hardware & software that allows scampes ascess to date & application from anywhere key components of Mc:1. Mobile hardwore - smartphones, tablets, laptops 2. Mobile coftwore - operating systems (Android, IOS), applications

& cloud based services 3. Mobile communication: Wije less network , blue tooth , satelite Applications of mobile compiting. 1. Wireless communication - mobile phones enable instruct communication - otion through calls, som etc. 2 Cloud computing: - Wers can access cloud based - services like

gogle derive, dropbox jicloud from mobile devices 3 E-commerce & online banking: - mobile apps like Amozom, Alighert, Grant

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65M Mobile services Explain the GSM Mobile services along with the services & the inter working with existing networks.

Services make a network interesting for customers GISM has defined three different categories of serve beater , tele, & supplementary services TP MT GSM-PLMN Transit Source/ retwork - destintis - TE (PSTN, ISDN) netwood · A mobile station Ms is connected to the asM public land mobile network CPLMN via the Um internace · There might be an additional network, the source destination powers, before another terminal TE is connected 1) Begges services Data Gervices. · Beaver service permit transporents & non = transporent

Bearer services / Data ter Vices.

Bearer services permit transporents & non transporent

Synchronous or an asynchronous data transmission.

Transporent beares services only use the functions

of the physical layer to transmit data. Data transmission

has a constant delay & throughput if no transmission errors

occur.

Supervisor's Sign. :\_\_\_\_\_

