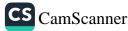
Chpmos Geospatial Technologies! = 2016 1. Write a Note on Global Positioning System. Global Positioning System: (GPS) "GPS is a Sadellite-based navigation System - that allows users to Determine their Precise locadion, velocity and time anywhere on Earth. It operates by receiving Signals from multiple Satellites to triangulate a User's position. - Usage: It is used in various applications such as Mavigation mapping and timing. It is Use owned utility Segments:



The System Consists of three Segments. . Space Segment . Control Segment . User Segment - Space Segment: It consist of Constellation of al least 24 Saleelites orbiting the easth, transmitting signals that allows GPP receivers to calculate Their positions. For Examples GPS Sadellite Sending Signals to a receiver on a ship for Navigation. - GPS triangulation works by figuring out location using signal from Satellites in space. GPS device like Phone listens to Signal from at least - three sadellites. To figure out where you are. It's like drawing circles around each sadellite and where Thac circles averlap is our location



- Contral Segment: Ground-based Stations that. monitor The Sadellites, maintain their precise orbits and update Systems to ensure accuracy. For Example The master control Station - User Segment: This includes GPS receivers which use signals from the Sadelliter to determine the user's location. For Example A smortphone Using GPS to give directions on a map No need to use so many colors Satellites Earth Good attempt!!

