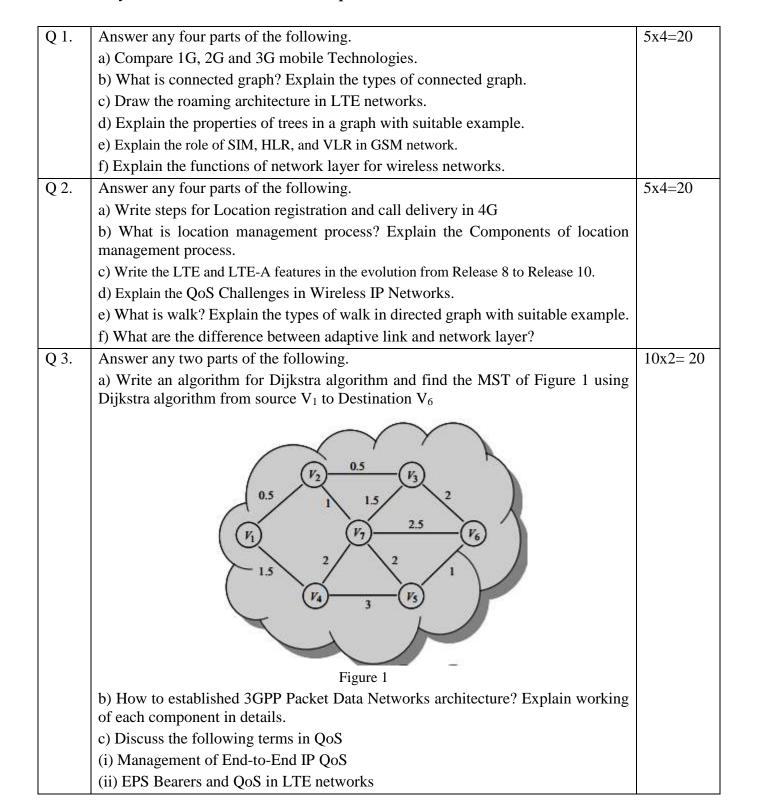
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## I SEMESTER EXAMINATION, 2022 – 23 (Ist Year, M.Tech. – Computer Science and Engineering) ADVANCED WIRELESS AND MOBILE NETWORKS

Duration: 3:00 hrs Max Marks: 100

Note: - Attempt all questions. All Questions carry equal marks. In case of any ambiguity or missing data, the same may be assumed and state the assumption made in the answer.



Q 4.	Answer any two parts of the following.	10x2 = 20
	a) How does mobile IP work? What are the challenges with mobile IP with respect to high speed mobility? How does cellular IP solve some of these challenges?	
	b) Explain in detail about classification of handoff in wireless networks.	
	c) Explain the working of infrared link access protocol how information transfers in wireless links?	
Q 5.	Answer any two parts of the following.	10x2 = 20
	a) Draw the QoS Architecture and explain the working of each component in details.	
	b) Explain the working of adaptive hybrid ARQ schemes for wireless links	
	c) Explain the following terms with suitable example.	
	(i) Cell Residing Time Distribution	
	(ii) Mobility Prediction in Pico- and Micro-Cellular Networks.	

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