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	Continuous Assessment Test-J	Semester ECE	3501 200244
	B.Tech (CSE and its specialization)	Soula	3501 022231000244
Programme	B.Tech (CSE	Code CH2	
C	LoT Fundamentars	Slot F2 Max. Marks 50	Wester Secretary
Faculty	Dr Kanchana Devi V	Max Marks	They have
Time	1 1/2 Hours		**

loT is widely applied in smart farming sector to support good yield in agriculture. Discuss the characteristics of an loT system for this smooth characteristics of an loT system for this smart farming where process such as crop monitoring automated irrigation and cattle monitoring.

Smart Parking make the search for parking space casier and convenient for drivers. Smart Parking are powered by IoT Systems of the search for parking space casier and convenient for drivers. Parking are powered by IoT Systems that detect the number of empty parking slots and send information over internet to smart information over internet to smart parking application back-ends. These applications can be accessed by the drivers form smart accessed by the drivers form smart-phones, tablets and in-car navigation systems. For designing this smart parking system, and in-car navigation systems model with this smart parking system, identify and explain a suitable communication model with appropriate illustration.

Livestock Monitoring is about animal farming and cost saving. IoT is used to gather data about the health and wellboom animal farming and cost saving. IoT is used to gather data about the health and wellbeing of the cattle. Your task is to design and explain the block diagram of loT devices employed to support this Livestock monitoring.

Discuss the suitable network layer, transport layer and application layer protocols that fits the 10 requirements of the Livestock Monitoring application

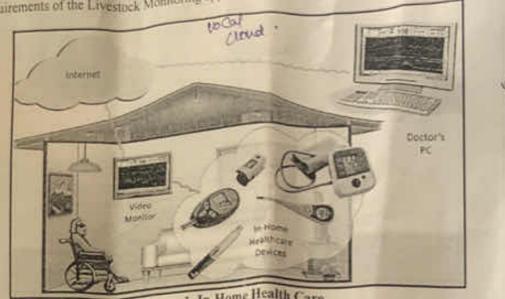


Figure 1. In-Home Health Care

For the given application (Figure 1), discuss the functional blocks of IoT system based on its logical design.

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