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SHRI BHAGUBHAI MAFATLAL POLYTECHNIC



Question Bank for PT1 CH1 – JAN 25 – APRIL 25

Program – CSE
Course – IOT & Applications

Semester – IV A & B
Course code - IOT238917

Ch 1 – upto XMPP			
	Questions	Answer from	Marks
Q.1	Define term IOT (any three point (each for 1 mk))	PPT	2
Q.2	Write an example of IOT with the help of diagram - diagram 2mks , explanation – 2mks Draw an example of IoT application – 2 mks	PPT	4 2
Q.3	Draw and explain characteristics of an IOT system draw – 2 mks explain –(each for 2 mks)	PPT	4/6
Q.4	Draw and explain general block diagram IOT device or physical design of IOT (only device part not protocol) diagram – 2 , explanation 4	PPT	6
Q.5	Draw format of IOT protocols and explain Draw 2mks	PPT	4/6/8
Q.6	List protocols of data link layer and explain any one	PPT	4
Q.7	List protocols of network layer and explain any one	PPT	4
Q.8	List any four features of CoAP protocol	PPT	2
Q.9	Define role of CoAP protocol	PPT	2
Q.10	Explain different types of messages in CoAP protocol (each for 2 diagram , example)	PPT	8
Q.11	Draw CoAP Message Format or CoAP Header and define use of it's bits.	PPT	4
Q.12	Differentiate between webscoket and HTTP protocol (each for 1)	PPT	4
Q.13	Draw and explain architecture of MQTT protocol	PPT	8
Q.14	List and define features of XMPP	PPT	2
Q.15	List use cases of XMPP protocol with example	PPT	4