



Sanjay Ghodawat University, Kolhapur

2017-18

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

FY M Tech

School of Technology

Semester I

CCC 503

School of Technology | Department of CSE – I

Max Marks: 100

Internet of Things

Nov 2017

End Semester Examination (ESE)

Time: 3 Hrs

6 P.E.C.

Instructions for Students: 1) Use of non-programmable calculator is allowed
2) All questions are compulsory

Sample Format of Question Paper

Q1	Solve any Two	Marks	COs
a)	Define ¹ Internet of things and Outline ¹ the four pillars of IOT	09	CO1
b)	Explain ² the connect(wired/wireless) component of DCM terminology	09	CO1
c)	What ¹ is meant by Device: things that talk	09	CO3
Q2			
a)	Outline ¹ 6 pillars of M2M	04	CO1
b)	Discuss ⁶ RFID System components	12	CO3
	OR		
b)	Explain ² 3 layer architecture of IOT by Datang Telecom	12	CO3
Q3			
a)	Define ¹ WSN network architecture	04	CO4
b)	Explain ² SCADA middleware architecture with figure	12	CO4
Q4	Solve any Two	Marks	COs
a)	Explain ² the middle ware architecture of RFID with figure	09	CO4
b)	Explain ² the middleware architecture of WSN	09	CO4
c)	Discuss ⁶ LBS and Surveillance	09	CO3
Q5			
a)	Explain ² REST (representational state transfer interface)	04	CO3
b)	Explain ² OPC Standard for Device Connection	12	CO3
	OR		
b)	Explain ² mobile cloud computing	12	CO4

- Q6 a) What¹ is OSGi
b) Outline¹ WOT vs IOT

04 CO3
12 CO5
