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Examination: Odd Semester Examination 2024

Paper Name: Internet of Things
Time: 3 Hours

Paper Code: BTCSEAI-DE52
Maximum Marks: 75

Section A

Note: Attempt all the questions. Each question carries equal marks.

(7x5=35)

Q. No.	Question	Marks	CO	BL
1.	Explain characteristics and physical design of IoT.	5	CO1	BL3
2.	Discuss IoT levels and development templates.	5	CO4	BL5
3.	Describe characteristics of MAC protocol in sensor network.	5	CO2	BL4
4.	Explain network configuration protocol.	5	CO2	BL3
5.	Discuss concentration free medium access.	5	CO3	BL2
6.	Explain different types of IoT tools.	5	CO5	BL3
7.	Differentiate IoT and M2M.	5	CO2	BL4

Section B

Note: Attempt any four (4) Questions

(4x10=40)

Q. No.	Question	Marks	CO	BL
1.	Describe wireless sensor network.	10	CO1	BL2
2.	Discuss different kind of challenges in IoT design.	10	CO2	BL4
3.	Explain role of IoT in smart city design.	10	CO3	BL3
4.	Explain wireless medium access issues.	5	CO3	BL2
5.	Explain Xively cloud for IoT in detail.	10	CO5	BL2
6.	Write a short note on any two of the followings:	10	CO1, CO3	BL2

	a. Communication models b. Survey routing protocols c. IoT security d. Green house			
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BL: Blooms Taxonomy Level; (1-remembering, 2-understanding, 3-apply, 4-analyse, 5- evaluate, 6-create)