BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI (END SEMESTER EXAMINATION)

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CLASS: BRANC	-		SEMESTER : VII SESSION : MO/202	22
TIME:	3:00 Hours	SUBJECT: IT423 INTERNET OF THINGS	FULL MARKS: 50	
 INSTRUCTIONS: 1. The question paper contains 5 questions each of 10 marks and total 50 marks. 2. Attempt all questions. 3. The missing data, if any, may be assumed suitably. 4. Before attempting the question paper, be sure that you have got the correct question paper. 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall. 				
Q.1(a) Q.1(b) Q.1(c)	Write the role of p	hings with examples latform fo IoT system? Briefly explain it with the help of constraint for Operating System in IoT is applicable? Ex		[2] [3] [5]
Q.2(a) Q.2(b) Q.2(c)	Define IoT topology	liagram show the working process of IoT system. ? Compare it with Local area network topology using a c by Layer/stack architecture of IoT? Explain it with the he		[2] [3] [5]
Q.3(a) Q.3(b) Q.3(c)	What do you mean l	ork protocol with its feature. by quality of services with respect to IoT? Write related scovery protocol work? Briefly explain it with the help o		[2] [3] [5]
Q.4(a) Q.4(b) Q.4(c)	Differentiate M2M f	ways using a diagram by implementing concept of IoT. rom IoT system. Also use the diagram for the same. by business processes in IoT system? Explain it with the h	help of an example.	[2] [3] [5]
Q.5(a) Q.5(b) Q.5(c)	Differentiate workir	nputing optimize the process of IoT? Write it briefly. ng process of fog computing with grid computing. Explain it with the help of a suitable diagram.		[2] [3] [5]

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