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[10]

[5+5]

[10]

Code No: 824AX

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD MCA IV Semester Examinations, June/July - 2018 INTERNET OF THINGS

Time: 3hrs Max.Marks:75

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A

PART - A			
	$5 \times 5 \text{ Marks} = 25$		
1.a)	State Applications of IoT.	[5]	
b)	Explain about Network function virtualization.	[5]	
c)	Elaborate on XML.	[5]	
d)	Mention data types in python.	[5]	
e)	Name some industries which have identified the most from IOT.	[5]	
-,		[-]	
PART - B			
	5 × 10 N	larks = 50	
2.a)	Define WSN. Explain about various concepts involved in WSN.		
b)	Discuss on Embedded systems and its applications:	[5+5]	
	OR.	-	
3.	Define IoT. Explain about things/objects in IoT with examples.	[10]	
	The state of the s	. ,	
4.a)	Differentiate between SDN and NFV.		
b)	Explain about SNMP NETOPEER.	[5+5]	
-/	OR	[]	
5.	Discuss on IoT system management with NETCOZF and YANG-NETCONF.	[10]	
6.	Explain python packages with sample programs.	[10]	
	OR	[]	
7.	Define a function in python		
, -	a) Swapping of two numbers using a temporary variable		
	b) Factorial of a given number n.	[5+5]	
	of a deformation a given manager in	[5.5]	
8.	Elaborate on Raspberry pi-interfaces-SERIAL, SPI, I2C.	[10]	
	OR	[-0]	
9.			
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external gadgets.

a) Web server of IoTb) Cloud for IoT.

Explain

Discuss on Cloud storage models and communication API's.