



BRAINWARE UNIVERSITY

Term End Examination 2022 Programme - B.Sc.(IT)-AI-2020 **Course Name – Internet of Things** Course Code - BAID501A (Semester V)

Full Marks: 60 Time: 2:30 Hours [The figure in the margin indicates full marks. Candidates are required to give their answers in their

own words as far as practicable.]

Group-A (Multiple Choice Type Question) 1 x 15=15 1. Choose the correct alternative from the following: (i) How many numbers of the element in the open IoT architecture? a) 4 element b) 5 element c) 6 element d) 7 element (ii) Which of the following IoT networks has a very short range? a) Short Network b) LPWAN c) SigFox d) Short-range Wireless Network (iii) What is the full form of the LPWAN? a) Low Protocol Wide Area Network b) Low Power Wide Area Network c) Long Protocol Wide Area Network d) Long Power Wide Area Network (iv) An IoT network is a collection of _____ devices. a) Signal b) Machine to Machine c) Interconnected d) Network to Network (v) _____ allows the user to control electronic components. a) Android API b) RETful API c) MQTT API d) CoAP API (vi) Which of the following is not an application of IoT? a) Wearables b) Smart Grid c) Arduino d) Smart City (vii) Which one of the following protocols is lightweight? a) IP b) HTTP c) MQTT d) CoAP (viii) The Onshore Software Outsourcing and Offshore Software Outsourcing are the ____ for software outsourcing? a) Models b) Systems c) Schemes d) None of these (ix) Which of the following is the example of a short-range wireless network? a) VPN b) Wi-Fi

d) WWW

c) Internet

(x) outsourcing is the most common type of	IT outsourcing.	
a) Onshore	b) Offshore	
c) Up shore	d) Down Shore	
(xi) What is the role of Big Data in IoT's Smart Gr	id architecture?	
a) Filter the data	b) Locked the data	
c) Store data	d) None of the these	
(xii) What is the role of Big Data in IoT's Smart Gr	id architecture?	
a) Filter the data	b) Locked the data	
c) Store data	d) None of the these	
(xiii) What is the role of Big Data in IoT's Smart Gr	id architecture?	
a) Filter the data	b) Locked the data	
c) Store data	d) None of the these	
(xiv) What is the role of Big Data in IoT's Smart Gr	id architecture?	
a) Filter the data	b) Locked the data	
c) Store data	d) None of the these	
(xv) Software is a practice in which a compar	ny delegate's software development	
functions to a third-party vendor.		
a) Package	b) Outsourcing	
c) Management	d) None of these	
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	oup-B	3 x 5=15
(Short Answer	Type Questions)	2 X 2=12
2. Discuss the required skill for managing RIM?		(3)
3. Discuss the components of Operations Centre.		(3)
4. Explain the benefits of RIM		(3)
5. Explain about SLM		(3)
6. Discuss about the critical Success factors of SLN	Л.	(3)
	OR	
Discuss Security management tools in RIM.		(3)
	oup-C	
(Long Answer	Type Questions)	5 x 6=30
7 Classify an arching contag and Command cont		(5)
7. Classify operations center and Command center.		(5)
8. Discuss the Immediate benefits to implementing SLM processes.		(5)
9. Describe performance monitoring.		(5)
10. Discuss the Tools for Network Management.11. Write a paragraph on SLM components.		(5)
12. Describe the drivers of outsourcing.		(5) (5)
•	OR	(3)
Identify the aligning to ITIL process.		(5)
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