001.	Whic	ch of the following is not an actuator in	loT?		D
	Α	stepper motor	В	A fan	
	С	An LED	D	Arduino	
002.	Whic	ch of the following command is used to	trigge	er the Amazon echo IOT device?	C
	Α	Hello	В	Suri	
	С	Alexa	D	Hey	
003.	Whic	ch layer is used for wireless connection	in lo	T devices?	C
	Α	Application layer	В	Network layer	
	С	Data link layer	D	Transport layer	
004.	Who	coined the term Internet of Things?		,	Α
	Α	Kevin Aston	В	John Wright	
	С	Edward Jameson	D	George Garton	
005.	Whic	ch of the following is not an IoT device?	)	3	Α
	Α	Table	В	Laptop	
	С	Arduino	D	Tablet	
006.	_	th of the following is false about IoT de	_		D
	Α	IoT devices use the internet for	В	loT devices need microcontrollers	_
	, ,	collecting and sharing data		To F device Flood Histocontroller	
	С	IoT devices use wireless technology	D	IoT devices are completely safe	
007	_	th of the following is not an IoT platform		101 devices are completely sale	D
007.	A	Amazon Web Services	В	Microsoft Azure	ט
	C	Sales force	D	Flipkart	
വെ	_	t type of interface is used by fingerprint	_		В
000.	A	TPI interface is used by imgerphin	В	UART interface	Ь
	C	I2P interface	D	None	
000	_		_		С
009.		ugh which network does Open IoT mar	_		C
	A	LSM	В	HTTP	
040	C	X-GSN	D	GSN	_
010.	_	t is the standard form of LLN?	_	Die De edee Noted	В
	A	Lower Lossy Network	В	B Low Power Lossy Network	
	C	Lossy Low Power Network	D	Low Lossy Powered Network	
011.		t is the use of PWM signals in IoT deve	-		С
	Α	They are used by sensors to have	В	They are used by sensors to have	
	_	analog input	_	digital input	
	С	They are used by actuators to have	D	They are used by actuators to have	
		analog input		digital input	
012.	How	many number of elements in the Oper			В
	Α	3 elements	В	7 elements	
	С	8 elements	D	6 elements	
013.	Whic	th of the following cannot be considered	d an I		D
	Α	Smart watch	В	Android Phone	
	С	Laptop	D	Tube light	
014.	Whic	ch one out of these is not a Data Link L	ayer	Technology?	C
	Α	Bluetooth	В	Wi-Fi	
	С	HTTP	D	Mobile Hotspot	
015.	Whic	ch protocol is lightweight?			Α
	Α	MQTT	В	HTTP	
	С	COAP	D	SPI	
016.	Pub	Nub publishes and subscribes	ir	n order to send and receive messages	D
	Α	Network	В	Account	
	С	Portal	D	Keys	
017.		allows us to control electronic c	amo	•	Α
	A	Restful API	В	HTTP	-
	C	HTTPS	D	MQTT	

018	Tota	I types of voice communications in IoT	envir	onment is?	В
0.0.	A	1	В	2	
	C	3	D	4	
019.	_	an open source stack for g	atewa	avs and the edge.	D
	A	Eclipse Kapua	В	Red Hat	
	С	Intercloud	D	Eclipse Kura	
020.		is a modular and cloud based p	latfor	•	Α
	A	Eclipse Kapua	В	Red Hat	
	С	Intercloud	D	Eclipse Kura	
021.	MQT	T isprotocol.		•	C
	Α	Machine to Machine	В	Internet of Things	
	С	Machine to Machine and Internet of	D	Machine Things	
		Things			
022.		specifies the function that wil	ll be c	alled on an error event.	В
	Α	Call back	В	Error	
	С	Connect	D	Reconnect	
023.		Specifies the function that will b	e call	led when a successful connection with	C
	the F	Pub Nub cloud.			
	Α	Call back	В	Error	
		Connect	D	Reconnect	
024.		Specifies the function that will	be ca	lled when there is a new message	D
		ived from the channel.			
		Reconnect	В	Error	
	С	Connect	D	Call back	
025.		licking which key the Pub Nub will disp			В
	A	Pane	В	Demo Keyset	
	C	Portal	D	Network	_
026.		message Channel class declares the _		class attribute that defines the	Α
		string.	_		
	A	Command_Key		Command-key	
007		Command Key	D	Key Command	_
027.	_	method saves the received arg			C
	A C	_init	В	Init_	
028.		_init_	D ich on	init	Α
UZO.		and saves the publerated with the Pub Nub Admin portal	isii ai	id Subscribe keys that we have	A
	A	Public key and subscribe_key	В	Public key and subscribe-key	
	C	Public key and subscribe_key	D	Key Public and Key subscribe	
020	_	t is the sensor/protocol used in GSN?	D	Rey Fublic and Rey Subscribe	В
UZJ.	A	HTTP Protocol	В	COAP protocol	ט
	C	MQTT Protocol	D	XMPP protocol	
030	_	ch is the core wrapper of GSN?		AWII I protocol	D
000.	Α	Serial	В	UDP	
	C	GPS Test	D	Zero MQ Wrapper	
031.	_	net of Things needs a lot of network co		···	С
0011		ce radio standard called?	,,,,,,	non. What is the proposed write	
	A	Bluetooth	В	WiMAX	
	C	Weightless	D	Zigbee	
032.	_	•		ed when a successful re-connection is	D
	com	oleted	Joan		_
	A	Call back	В	Error	
	C	Connect	D	Reconnect	
033.	-		_	alled when the client disconnects	D
	Δ	Call back		Frror	_

	С	Connect	D	Disconnect	
034.		ch of the following is a source of IoT da	ta tha	t collects information from physical	С
	A	cts and sends it over the internet?  Cloud computing	В	Artificial Intelligence	
	Ĉ	Sensors and actuator	D	Quantum computing	
035.	_	ch of the following is an example of IoT		, ,	Α
	Α	A smart refrigerator that can order	В	A traditional calculator	
		groceriesonline when supplies are			
		low			
	C	A printed newspaper	D	A regular pen	_
036.		t is one of the key technologies behind	IOI ti	hat enables devices to communicate	В
	A	essly over short distances? Ethernet	В	Bluetooth	
	Ĉ	USB	D	Serial Port	
037.	_	ch environment does Global Sensor Ne	_		В
	Α	C++	В	JAVA	
	С	HTML	D	C	
038.		n IoT manages the registration, data ac			В
	_	connected of objects, through which ne			
	A C	GSN	B D	X-GSN	
039.	_	LSM is a community that is working	_	HTTP ether to establish an IoT architecture.	٨
055.		Eclipse IOT	B B	Red Hat	^
	C	Inter cloud	D	Bot 2 Boat	
040.	Wha	t is the Internet of Things (IoT)?			В
	Α	A network of interconnected servers	В	A network of interconnected devices	
				that cancollect and exchange data	
	_		_	over the internet	
	С	A network of interconnected satellites	D	A network of interconnected gaming	
0/1	\//hic	ch of the following is not a part of the In	torno	consoles	С
U <del>4</del> 1.		Cloud computing		Big data analytics	C
	C	Manual data entry	D	Sensor networks	
042.	Wha	t is one of the primary design principles	s for c		В
	Α	High cost of implementation	В	Low power consumption	
	С	Large physical size	D	Single functionality	_
043.		t is an essential characteristic of IoT ap	•		D
	A C	High latency	B D	Low scalability	
	C	Limited data processing	D	Real-time data processing and analytics	
044.	Wha	t are the design principles for connecte	d dev	•	В
•	Α	High power consumption and limited	В	Interoperability and scalability	
		connectivity		, , ,	
	С	Closed systems and limited data	D	Proprietary protocols and limited	
		sharing		functionality	
045.	_	t is a common protocol used for interne			С
	A	HTTP	В	Bluetooth	
046	C Whice	Wi-Fi	D	USB	В
U4U.		ch of the following protocols is used for cations?	3 <del>C</del> UU	WED COMMUNICATION IN TO I	ט
	А	HTTP	В	HTTPS	
	C	FTP	D	Bluetooth	
047.	Whic	ch protocol is commonly used for file tra	ansfer	in IoT applications?	С
	Α	HTTP	В	HTTPS	

	C	FIP	D	Bluetooth	
048.	Whic	h of the following communication techr	nologi	es is commonly used in IoT devices	Α
		nort-range communication?	Ŭ	·	
	Α	Bluetooth	В	LTE	
		WiMAX	D	Fiber optic	
040	_	enrichment in IoT refers to:	D	Tibel optic	С
U43.			D	Adding many data to a data at	C
		Reducing data complexity	В	Adding more data to a dataset	
	С	Enhancing data with additional	D	Securing data transmission	
		information			
050.		M2M domains mainly focus on:			С
	Α	Device hardware manufacturing	В	IoT application development	
	С	Interoperability and standardization	D	Mobile network infrastructure	
051.	Whic	h of the following is NOT a source of IC	OT da	uta?	В
	Α	Sensors	В	Social media platforms	
	С	Wearable devices	D	Mobile applications	
052.		h of the following best describes an lo			В
002.	A	Centralized data storage and	B	Device-centric monetization	
	/ \	_	0	Device certific monetization	
	С	processing	<b>D</b>	Traditional ratail madel	
050		One-time hardware sales	D	Traditional retail model	_
U <b>3</b> 3.		nternet of Things (IoT) is a network of			С
		People	В	Animals	
	С	Devices	D	Countries	
054.		h layer of the modified OSI stack for lo	T/M2	M is responsible for data encryption	С
	and o	decryption?			
	Α	Application Layer	В	Transport Layer	
	С	Security Layer	D	Physical Layer	
055.	In an	IoT/M2M system, what does M2M sta	nd fo	?	Α
		Machine-to-Machine	В	Mobile-to-Mobile	
	С	Man-to-Man	D	Module-to-Module	
056.	Whic	h layer of the OSI stack is responsible	for a		В
000.	syste		101 40	garosoning and roading in an 10 1/1/121/1	_
	•	Data Link Layer	В	Network Layer	
	C	Session Layer	D	Presentation Layer	
057	_	•	_		С
057.		h communication technology is typical	ly use	d for long-range, low-power to r	C
		cations?	_	NEO	
	A	Zigbee	В	NFC	
	С	LoRaWAN	D	Wi-Fi	
058.	The		ple so	ources into a unified view is known as:	C
	Α	Data normalization	В	Data enrichment	
	С	Data consolidation	D	Data fragmentation	
059.	Whic	h of the following is a high-level capab	ility of	f an IoT/M2M system?	В
	Α	Data encryption	В	Real-time analytics	
	С	Device manufacturing	D	Device activation	
060.	The	gateway in an IoT/M2M system is resp	onsib	le for:	В
	A	Data storage	В	Device management	
	C	Data analytics	D	Power supply to devices	
061	_	h of the following is a key factor affecti	_		Α
JU 1.	syste		ing till	C Case of acsigning to 1/10/200	^
	•		D	Number of users	
		Device battery life	В	Number of users	
000	С	Geographic location	D	Government regulations	_
062.		consolidation in IoT refers to:	_		В
	Α	Removing redundant data	В	Combining data from different	
				sources	
	С	Encrypting data for security	D	Analyzing data for insights	

063.	In ar	n IoT/M2M business model, what does	"M2N	1" represent?	D
	Α	Market to Market	В	Machine to Mobile	
	С	Mobile to Machine	D	Machine to Machine	
064.	Whi	ch IoT communication technology is co	mmor	nly used for applications like home	В
	auto	mation and smart lighting?			
	Α	RFID	В	Z-Wave	
	С	Bluetooth Low Energy (BLE)	D	WiMAX	
065.		ETSI M2M standardization focuses on:			В
		Hardware development	В	Protocol development	
	С	Market analysis	D	Consumer behaviour	
066.		ch IoT business model involves chargin	g cus	tomers based on the amount of data	В
	_	sumed?	_		
	A	Subscription-based model	В	Pay-as-you-go model	
	C		D	One-time purchase model	_
067.		ch of the following is an essential comp	onen	t of an IoT device management	С
	•	orm?	_	Deal time data analytica	
	A	GPS sensor	В	Real-time data analytics	
000	C	Remote firmware update capability	D		С
UOO.		It layer of the modified OSI stack for Io	I / IVI∠I\	w nandles data representation and	C
	_	atting?	D	Data Link Layer	
	A C	Application Layer	B D	Data Link Layer	
060		Presentation Layer affordability of an IoT/M2M system dep	_	Physical Layer	Α
009.	A	Number of connected devices	B	Physical size of devices	A
	C	Type of data transmitted	D	Color of the devices	
070		ch IoT communication technology is known			D
070.		ability?	JVVIII	or its riight data rate and long range	
	A	LoRaWAN	В	Zigbee	
	C	Wi-Fi	D	Cellular networks	
071.	_	enrichment in IoT involves:	_		С
		Reducing data accuracy	В	Adding irrelevant information to data	
			D	Deleting sensitive data	
		details		C	
072.	Whi	ch IoT communication technology is known	own f	or its low-power consumption and	D
		-range capability?			
	Α	Wi-Fi	В	Bluetooth Classic	
	С	Zigbee	D	Sigfox	
073.	The	ETSI M2M standardization is focused of	on pro	<u> </u>	C
	Α	Proprietary technologies	В	Vendor lock-in	
	С	Interoperability and global standards			
074.		ch layer of the modified OSI stack for lo	T/M2	M involves device discovery and	В
	_	ice advertisement?	_		
	A	Application Layer	В	Network Layer	
	C	Presentation Layer	D	Physical Layer	_
075.		ch IoT communication technology is con	mmor	nly used in healthcare applications for	D
		itoring patients remotely?	_	DEID	
	A	Bluetooth Classic	В	RFID	
070	C	Zigbee	D	Cellular networks	^
U/6.		enrichment in IoT can be achieved thr	_		С
	A C	Removing unnecessary data	B D	Data normalization	
077		Data aggregation	_	Data anonymization	Ь
<i>011</i> .	A	It is the primary function of a device ma Data storage and analytics	nage B	Data transmission and connectivity	ט
	C	Device security and authentication	D	Device monitoring and control	
	$\overline{}$	Dovide decently and authoritication		Dovido monitoring and control	

078.	The	affordability of an IoT/M2M system is ir	ntluen	•	C
	Α	Device battery life	В	Geographic location	
	С	Number of connected devices	D	Type of data transmitted	
079.	In lo	T/M2M systems, the Application Layer	is res		С
	Α	Data encryption and security	В	Data transmission and	
				communication	
	С	Data representation and formatting	D	Device discovery and service	
				advertisement	
080.	Whic	ch IoT business model involves providir	ng ba	sic services for free and charging for	В
		nium features?			
	A	Subscription-based model	В	Freemium model	
	С	Pay-as-you-go model	D	One-time purchase model	
081.	_	ETSI M2M standardization aims to ach	ieve:		В
	Α	Vendor lock-in and proprietary technologies	В	Interoperability and global standards	
	С	Closed-loop systems and local	D	Hardware and software development	
		standards		guidelines	
082.	Whic	ch layer of the modified OSI stack for Id	T/M2	•	В
		sformation and protocol conversion?		•	
	Α	Data Link Layer	В	Presentation Layer	
	С	Transport Layer	D	Application Layer	
083.		ch IoT communication technology is con		• •	С
		ances and smart home devices?		, uses is semisoning neaderica	
	Αρρ.	Wi-Fi	В	Bluetooth Classic	
	C	Z-Wave	D	LoRaWAN	
084	_	ch layer of the modified OSI stack for lo	_		Α
		raction and communication?	, , , , , , <u>_</u>	in to respections to maraware	•
	A	Physical Layer	В	Presentation Layer	
	C	Network Layer	D	Application Layer	
085		ch of the following is a high-level capab		• •	D
000.	A	Device activation	В	Data encryption	
	C	Device manufacturing	D	Real-time analytics	
086		T/M2M systems, what is the primary fo		•	В
000.		stack?	cus o	The Network Layer in the modified	ם
	Α	Data representation and formatting	В	Data transmission and routing	
	С	Data encryption and security	D	Device discovery and service advertisement	
087.	Num	ber of approaches gateway can be ins	talled	?	В
	Α	2 approaches	В	3 approaches	
	С	4 approaches	D	5 approaches	
088.	Cent	ral software management server comn	nunic	ates with the gateway devices in which	В
		oach?		- ,	
	Α̈́	Factory Bootstrap	В	Server Limited Bootstrap	
	С	Client initiated Bootstrap	D	Bootstrap	
089.	Gate	way software should be smart enough	to ha	•	С
	Α	GPS	В	Message	
	С	Logging	D	Sensors	
090.		ch IoT business model involves custom	ers p		С
		e service?	о. о р	ayg aea .ee .ega.ay .e. accees	
	A	One-time purchase model	В	Pay-as-you-go model	
	C	Subscription-based model	D	Freemium model	
091		t is the main function of data consolida			D
JJ 11	A	Reducing data redundancy	В	Enhancing data with additional	_
	, ,	. to adding data roddinatioy	ے	information	

	C Storing data in multiple locations	D	Combining data from various sources		
092.	A sensor uses which Network?	_	LIAN I DANI	D	
	A LAN and HAN	В	HAN and PAN		
000	C LAN and PAN	D	LAN, PAN and HAN	_	
093.	loT promotes the creation of loT terminal i	_	,	С	
	A Devices	В	Network		
004	C Clusters	D	Things	_	
094.	ITS stands for	D	Internat Transportation Consults	D	
	A Internet Travel Services	В	Internet Transportation Security		
005	C Intelligent Transportation Security	D	Intelligent Transportation Services	Ь	
U95.	The core element is operated by		IaT aandaa Dravidan	В	
	A PaaS	В	IoT service Provider		
000	C SaaS	D	laaS	_	
096.	Which mode assumes that it is the gatewa	ys res	sponsibility to connect to the central	С	
	repository server?	В	Compart impited Deptatron		
	A Factory Bootstrap	В	Server Limited Bootstrap		
007	C Client initiated Bootstrap	D	Bootstrap		
097.	Bootstrap is used for	D	IOT	Α	
	A Web Applications	B D	IOT		
000	C Big Data	_	Data	_	
098.	An loT center is envisaged as a	n imp	ortant part of the generic lot platform	С	
	to unify the organization.	D	la dividual late evetica		
	A Individual Information	В	<b>G</b>		
000	C Integrated Information	_	Individual and Integrated Information	_	
099.	Which protocol enables real-time, bidirecti			С	
	connection, making it suitable for real-time				
	A LWM2M	В	HTTP/2		
400	C Web Socket	D	AMQP	_	
100.	Which messaging protocol is designed for reliable communication between distributed      Representation of the left applications?				
	components and is suitable for IoT applica				
	A MQTT	В	DDS		
101	C CoAP	D with a	HTTP	Ь	
101.	Which protocol is suitable for IoT devices	with C	onstrained resources, such as low-	D	
	power devices and networks?	В	DDC		
	A HTTP/2 C Web Socket	В	DDS		
100		Ъ			
IUZ.		D	CoAP	_	
	Which protocol is the foundation of data co	mmu	nication on the web and is used for	С	
	Which protocol is the foundation of data corequesting and transmitting web pages and	mmu d resc	nication on the web and is used for ources?	С	
	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS	ommu d reso B	nication on the web and is used for ources?  MQTT	С	
	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP	ommu d resc B D	nication on the web and is used for burces?  MQTT  WebSocket		
	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption	ommu d resc B D	nication on the web and is used for burces?  MQTT  WebSocket	C D	
	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers?	ommu d resc B D to HT	nication on the web and is used for burces? MQTT WebSocket TP, ensuring secure data exchange		
	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers? A HTTP/2	ommu d resc B D to HT	nication on the web and is used for burces?  MQTT  WebSocket  TP, ensuring secure data exchange  CoAP		
103.	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers? A HTTP/2 C MQTT	ommu d resc B D to HT B D	nication on the web and is used for ources? MQTT WebSocket TP, ensuring secure data exchange CoAP HTTPS	D	
103.	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers? A HTTP/2 C MQTT Which protocol is designed for low-bandwing	ommu d resc B D to HT B D dth, h	nication on the web and is used for ources? MQTT WebSocket TP, ensuring secure data exchange  CoAP HTTPS igh-latency networks and is often used	D	
103.	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers? A HTTP/2 C MQTT Which protocol is designed for low-bandwin loT applications for efficient publish-sub	ommu d resc B D tto HT B D dth, h	nication on the web and is used for ources?  MQTT  WebSocket TP, ensuring secure data exchange  CoAP  HTTPS  high-latency networks and is often used as messaging?	D	
103.	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers? A HTTP/2 C MQTT Which protocol is designed for low-bandwin loT applications for efficient publish-sub A WebSocket	ommu d resc B D to HT B D dth, h scribe	nication on the web and is used for ources? MQTT WebSocket TP, ensuring secure data exchange  CoAP HTTPS high-latency networks and is often used a messaging? AMQP	D	
103. 104.	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers? A HTTP/2 C MQTT Which protocol is designed for low-bandwin loT applications for efficient publish-sub A WebSocket C CoAP	ommu d resc B D to HT B D dth, h scribe B D	nication on the web and is used for ources?  MQTT  WebSocket TP, ensuring secure data exchange  CoAP  HTTPS  high-latency networks and is often used a messaging?  AMQP  MQTT	D D	
103. 104.	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers? A HTTP/2 C MQTT Which protocol is designed for low-bandwin IoT applications for efficient publish-sub A WebSocket C CoAP Which protocol is suitable for IoT devices in the server of	ommu d resc B D to HT B D dth, h scribe B D	nication on the web and is used for ources?  MQTT  WebSocket TP, ensuring secure data exchange  CoAP  HTTPS  high-latency networks and is often used a messaging?  AMQP  MQTT	D	
103. 104.	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers? A HTTP/2 C MQTT Which protocol is designed for low-bandwin IoT applications for efficient publish-sub A WebSocket C CoAP Which protocol is suitable for IoT devices in utilizes UDP for transport?	ommu d resc B D to HT B D dth, h scribe B D n resc	nication on the web and is used for ources?  MQTT WebSocket TP, ensuring secure data exchange  CoAP HTTPS igh-latency networks and is often used e messaging?  AMQP MQTT ource-constrained environments and	D D	
103. 104.	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers? A HTTP/2 C MQTT Which protocol is designed for low-bandwi in IoT applications for efficient publish-sub A WebSocket C CoAP Which protocol is suitable for IoT devices in utilizes UDP for transport? A HTTP/2	ommu d resc B D to HT B D dth, h scribe B D n resc B	nication on the web and is used for ources?  MQTT WebSocket TP, ensuring secure data exchange  CoAP HTTPS high-latency networks and is often used a messaging?  AMQP MQTT ource-constrained environments and	D D	
103. 104. 105.	Which protocol is the foundation of data corequesting and transmitting web pages and A HTTPS C HTTP Which protocol adds a layer of encryption between clients and servers? A HTTP/2 C MQTT Which protocol is designed for low-bandwin IoT applications for efficient publish-sub A WebSocket C CoAP Which protocol is suitable for IoT devices in utilizes UDP for transport?	ommu d resc B D to HT B D dth, h scribe B D n resc B D	nication on the web and is used for ources?  MQTT WebSocket TP, ensuring secure data exchange  CoAP HTTPS iigh-latency networks and is often used e messaging?  AMQP MQTT ource-constrained environments and  MQTT Web Socket	D D	

	Α	HTTP	В	Web Socket	
	С	MQTT	D	AMQP	
107.	Whic	ch protocol is an updated version of HT	TP th	at focuses on improving performance	В
	by re	ducing latency and enhancing data tra	nsfer	efficiency?	
	Α	HTTP	В	HTTP/2	
	С	HTTPS	D	MQTT	
108.	Whic	ch protocol is known for its minimal ove	rhead	d and supports various qualities of	Α
	servi	ce levels for communication in IoT app	lication	ons?	
	Α	MQTT	В	AMQP	
	С	LWM2M	D	HTTP/2	
109.	Whic	ch protocol provides features like messa	age q	ueuing, routing, and reliable delivery,	С
		ng it suitable for scenarios where mess			
	Α	Web Socket	В	DDS	
	С	AMQP	D	HTTP	
110.	Whic	ch protocol is designed for remote mana	adem	ent and monitoring of IoT devices.	С
		ding features like device discovery and			•
	A	DDS	В	Web Socket	
	C	LWM2M	D	CoAP	
111	_	ch protocol is used for reliable commun	_		D
		provides features like message queuing		<del>-</del>	
	A A	Web Socket	у апо В	DDS	
	Ĉ	CoAP	D	AMQP	
112	_	th protocol is known for its efficiency in	_		В
112.		•	папи	ing device-to-device and device-to-	D
		d communication in IoT applications?	D	MOTT	
	A	HTTP	B D	MQTT	
440	C	CoAP	_	Web Socket	_
113.		ch protocol is suitable for IoT application	ns red	quiring remote management,	С
	_	guration, and firmware updates?	_	LITTO (O	
	A	MQTT	В	HTTP/2	
	C	LWM2M	D	Web Socket	_
114.		ch protocol is commonly used for transr	nittin	g web pages, images, and files	В
	_	een a client and a server?	_		
	Α	MQTT	В	HTTPS	
	С	Web Socket	D	DDS	_
115.			ow-po	ower, constrained devices and focuses	В
	•	ghtweight communication? a	_		
	Α	HTTP	В	CoAP	
	С	AMQP	D	Web Socket	
116.		ch protocol is designed for real-time dat	a sha	aring and communication between	Α
	devi	ces in distributed systems?			
	Α	DDS	В	MQTT	
	С	LWM2M	D	AMQP	
117.	Whic	ch design principle emphasizes the imp	ortan	ce of protecting data from	C
	unau	thorized access and ensuring secure of	omm	unication channels?	
	Α	Flexibility	В	Interoperability	
	С	Security	D	Reliability	
118.	Whic	ch design principle emphasizes the abil	ity of	devices to adapt to changing	С
		irements, technologies, and environme	•		
	Α	Interactivity	В	Scalability	
	С	Flexibility	D	Reliability	
119.	_	th design principle focuses on ensuring	that		В
		as the number of connected devices in			-
	A	Security	В	Scalability	
	C	Reliability	D	Flexibility	
	-			<del>J</del>	

120.	). Which protocol is used to ensure secure data exchange by adding encryption to HTTP <b>(</b>				C
	com	munication?			
	Α	MQTT	В	Web Socket	
	С	HTTPS	D	CoAP	
121.	Whic	ch protocol provides a client-server mod	del fo	r efficient communication in resource-	В
	cons	trained environments? a			
	Α	HTTP/2	В	CoAP	
	С	AMQP	D	Web Socket	
122.	Wha	t design principle emphasizes the need	d for i	nteroperability, enabling different	D
	devi	ces and systems to communicate seam	nlessl	y? a	
	Α	Security	В	Scalability	
	С	Interactivity	D	Interoperability	
123.	Whic	ch design principle emphasizes the nee	d for	devices to be able to recover from	Α
	com	munication failures and continue function	oning	correctly?	
	Α	Reliability	В	Scalability	
	С	Interoperability	D	Security	
124.				en standards and protocols to ensure	В
	that	devices from different manufacturers ca	an wo	ork together?	
	Α	Proprietary Solutions	В	Interoperability	
	С	Flexibility	D	Closed Ecosystems	
125.		ch design principle focuses on providing	_		D
	inter	faces, making integration and developr	ment (	easier?	
	Α	Interactivity	В	Flexibility	
	С	Clarity	D	Usability	
126.		ch design principle ensures that devices		•	С
	with	out human intervention, enabling auton	nation		
	Α	Interoperability	В	Reliability	
	С	Interactivity	D	Security	
127.		ch design principle emphasizes the nee			D
		ırate data exchange, even in challengir	_		
	Α	Flexibility	В	Scalability	
	С	Interactivity	D	Reliability	
128.				unication protocols that minimize data	Α
		head and energy consumption for cons			
	Α	Efficiency	В	Security	
	С	Interoperability	D	Scalability	