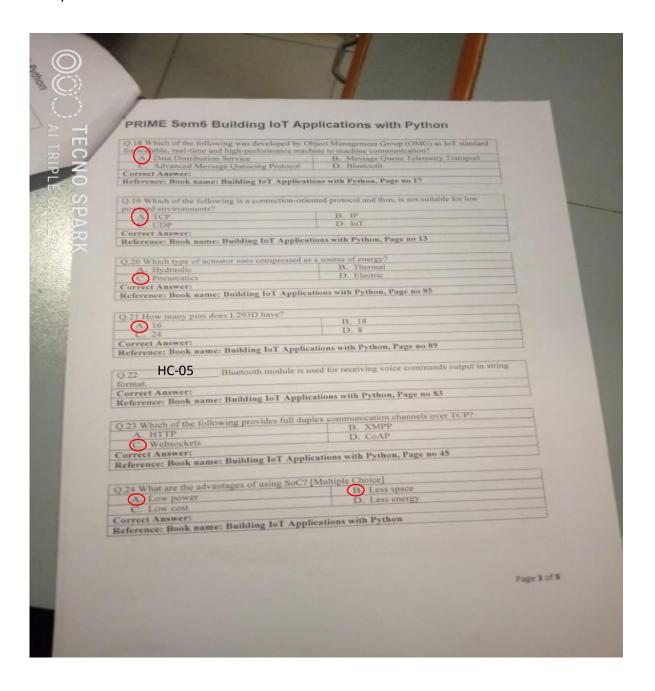
	oT Applications with Python
Correct Anwers	Protocol is a connection-oriented protocol?
Reference: Book name: Building IoT	Applications with Pathon Page no 11
The state of the s	oppositions with rython, rage no 13
Q.2 Internet acts as a gateway for tr	ansferring a large volume of data produced by the sensors?
Correct Answer:	
Reference: Book name: Building IoT	Applications with Python, Page no 13
Q.3 Automation is a part of which segm A. Industry 1.0	B Industry 2.0
C. Industry 3.0	D Industry 4.0
Correct Answer:	
Reference: Book name: Building IoT	Applications with Python, Page no 15, Fig 1.6
Machine	
	plex data and find valuable underlying patterns?
Correct Answer:	Applications with Python, Page no 16, Heading 1.6.1
Reference: Book name: building to t	Applications with Lymon rage
na on all and	oles the establishment of network sessions between processes
on various networks stations?	nes me esmonsiment of new sea
	B. Data Link Layer
A. Application C. Transport	D Session
	D II Marding 231
Reference: Book name: Building Io'l	Applications with Python, Page no 41, Heading 2.3.1
O 6 Which of the following principles	of smart factory refers to the ability of people and machinery,
Q.6 Which of the following principles devices and sensors to connect and con	B. Transparency in information
(A) Interoperability	D. Decentralization of Decision
C. Technical Assistance	D. Decemanian
	Lastions with Python, Page no 17
Reference: Book name: Building lo	Γ Applications with Python, Page no 17
	the decision of for supporting huge
LORAWAN is a protocol for	wide area networks specially designed for supporting huge
networks with millions of low power	devices?
networks with minions of	D. D. et au Dann no 18
Correct Answer.	T Applications with Python, Page no 18
Reference: Book name:	Jane 1
	nctions of IoT for pervasive sensing, monitoring, and track
O. 8 Robotics dustry combines the fu	ictions of to 1 100 per
Correct Answer:	The Amelications with Python, Page no 14, Heading 1.3
	T Applications with Python, Page no 14, Heading 1.3
Poforence: Book name: Building 10	
Reference: Book name: Building 10	
Reference: Book name: Building to Reverse 2.9 Actuators work in	direction of the sensor.



PRIME Sem6 Building IoT Applications with Python O.10 In the field of study that combines domain expertise, programming skills and some degree of carried to extract meaningful insights from data? Annuelogie of mather Data Science Reference: Hook name: Ituniding IoT Applications with Python, Page no 99 Reference: Book name: Building IoT Applications with Python, Page no 30 Q.12 Which protocol is used for serial data communication? O.13 Is a combination of programs and utilities that run on hardware? Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 70 Q.13 Is a combination of programs and utilities that run on hardware? Correct Answer: Operating System Reference: Book name: Building IoT Applications with Python, Page no 27 Q.14 Which layer transfers data between nodes that are connected directly? A. Physical C. Session D. Presentation Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 41 Q.15 Which of the following is a wireless radio networking of devices which processes a large amount of data and transfers it quickly? Data Distribution Services B. Bluetooth D. ZigBee Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 18 Q.16 Which of the following IoT Network Protocol layer helps in data formatting? A. Physical C. Network Orrect Answer: Reference: Book name: Building IoT Applications with Python, Page no 18 Q.17 Which of the following IoT application layer protocols is based on TCP/IP communication protocol? WITT Q.17 Which of the following IoT application layer protocols is based on TCP/IP communication protocol? Q.17 Which of the following IoT application layer protocols is based on TCP/IP communication protocol? Q.17 Which of the following IoT application layer protocols is based on TCP/IP communication protocols.	Q.10 is the field of study that combined to extract meaningful integrits that the knowledge of mathematics and statistics to extract meaningful integrits. The correct Answer: Q.11	
Reference: Book name: Building IoT Applications with Python, Page no 90 Q.11 Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 90 Q.12 Which protocol is used to create sals file? Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 30 Q.12 Which protocol is used for serial data communication? TELNET D. Bluetooth Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 70 Q.13 is a combination of programs and utilities that run on hardware? Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 27 Q.14 Which layer transfers data between nodes that are sonnected directly? A. Physical C. Session D. Presentation Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 41 Q.15 Which of the following is a wireless radio networking of devices which processes a large amount of data and transfers it quickly? Data-Link Q.15 Which of the following is a wireless radio networking of devices which processes a large amount of data and transfers it quickly? Data Distribution Services WiFi D. ZigBee Q.16 Which of the following IoT Network Protocol layer helps in data formatting? A. Physical C. Network Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 44 Q.17 Which of the following IoT Network Protocol layer helps in data formatting? Reference: Book name: Building IoT Applications with Python, Page no 44 Q.17 Which of the following IoT application layer protocols is based on TCP/IP communication protocol? A. HTTP B. MQTT B. MQTT B. MQTT B. MGTT	Q.10 is the field of study that combined to extract meaningful integrits that the knowledge of mathematics and statistics to extract meaningful integrits. The correct Answer: Q.11	
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O WiFi Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 18 Q.16 Which of the following IoT Network Protocol layer helps in data formatting? A. Physical C. Network Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 44 Q.17 Which of the following IoT application layer protocols is based on TCP/IP communication. protocol? B. MQTT D. CAP	amount of data and transfers it quickly?	
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Q.17 Which of the following IoT application layer protocols is based on TCP/IP communication protocol? B. MQTT D. COAP	C. Neiwork	
Q.17 Which of the following IoT application layer protocols is based on TCP/IP communication. Protocol? B. MQTT D. CAP	Reference: Book name: Building IoT Applications with Python, Page no 44	
protocol? B. MQTT D. COAP		
protocol? B. MQTT D. COAP	O 17 Which of the following IoT application layer protocols is based on TCP/IP commun	ication
A HTTP B. MQTI	10	
C. XAMPP	A HTTP B. NIQTI	
	C. XAMPP	
Correct Answer:	Correct Answer: Reference: Book name: Building IoT Applications with Python, Page no 44	
	Protocol? (A) HTTP B. MQTT D. CoAP	ication



	Applications with Python The for data transfer between two directly connected
PRIME Sem6 Building lol	onsible for data transfer between two directly connected B. Network
1111	onsible for data transfer between two data
Q.25 Which Layer is an OSI model is responded in a network?	B. Network
A Data Link	D. Application
C. Transport	
Correct Answer: Reference: Book name: Building IoT Ap	plications with Python
Q.26 What is required to download NOOB	12 agrains of Raspberry Pi?
Q.26 What is required to download NOOB	B. CD
731 1 511 111111	D Full Size SD
Correct Answer:	opplications with Python, Direct reference not available
Reference: Book name: Building IoT Ap	oplications with 17th
Q.27 Cd commands helps to ch	
Correct Answer: Reference: Book name: Building IoT A	pplications with Python, Page no 3-4
Q.28 The Raspberry Pi has	Pins on its header. (B) 40
A. 28 C. 36	D. 24
	Day 10 55
Reference: Book name: Building IoT A	pplications with Python, Page no so
	is the physical environment?
Q.29 Which devices is used to detect char	B, Relay
A. Raspberry Pi	D. GPIO
	14 Puller Page no 61
Correct Answer: Reference: Book name: Building IoT A	pplications with Python, Page no os
Q.30 Which form of communication prot	ocol helps in transferring multiple bits at the same time? B. Asynchronous
A. Synchronous	D Parallel
C. Serial Correct Answer:	
Correct Answer: Reference: Book name: Building IoT A	Applications with Python, Page no 69
22 Which sector of perceptron learning pe	rfectly classifies positive inputs and negative outputs in data?
O'11 Which sector of bereather	
AX	D. z
Ó x	
Ó x	ications with Python, page no 214, Heading 9.2.2
Ó x	lications with Python, page no 214, Heading 9.2.2

Q. Seldentify the code to import YensorFlow library. A import tonsorflow as if rank 0 tensor =	B. Rank, I. tennor = tf.constant (1.0,2.0,3.0,4.0)
(f.constant (4) print(rank 0, tensor) C. Rank 2 tensor = if.constant ([[4.5] [6.7] [8.9]]) print(rank 2 tensor)	print(rank_1_bensor) D. Tensor_1 = ([\$15.20,30,40]) Tensor_2 = tLeonstant [[\$0.200,300,800]] Sum=tf.add(Tensor_1, Tensor_2) print(Num);
Correct Answer: Reference: Book name: Building for Applications	
CO 33 Which Knowledge is the Lawrence of American	l este?
Q.33 Which function is also known as a mathematica A. Sigmoid function	Activation function
C. Linear function Correct Answer:	D. Logistics function
Reference: Book name: Building loT Application	s with Python, page no 216, Heading 9.2.4
Q.34 Identify the equation of hyperbolic tangent.	1 10 10 10 10 10 10 10 10 10 10 10 10 10
$f(x) = a - \tanh(x) - (e^2 - e^{27})/(e^2 + e^{27})$ $C - f(x) = x$	B. f(x) = s=1/(1+e)?? D. f(x = a = max(0.x)
Consess Assessed	
Reference: Book name: Building to T Application	is with Python, page no 219
Q.35 Identify the formula for adaptive moment esting	nation (Adam). B. w (t+1)=w t-a/v(D_(t-
A. w_(t+1)=w_t-a/v(v_t+?) . ?1/(?w_t)	1)+?)v/(v t+?)?1/(?w_t)
C w (t+1)=w t-a/(v(v^-t)+?) .m^_1	D. w (t+1)=w t-a ?3/(?w t)
Correct Answer: Reference: Book name: Building for Application	ne with Python, page no 233
Q.36 Which layer of OSI model solves computabili A application	
C. transport	D. data link
Correct Answer: Reference: Book name: Building IoT Applicatio	ons with Python, page no 41, Heading 2.3.1
Reference: Book name: Building io 1 Application	
	and agrees multiple communication platforms as it has
Q.37 Which of the following IP based technology is	is used across multiple communication platforms as it has
reedom of frequency band and physical layer?	B 6LowPan
A. ZigBee C. HTTP	D. XMPP
orrect Answer:	pur with Python, page no 42, Heading 2.3.2
Correct Answer: Reference: Book name: Building IoT Application	ans with types of the same of
- Later n	ratecal?
38 Which of the following is a connectionless pr	B UDP
A. TCP	D. IOT
C. IP	2.3.3 Heading 2.3.3
orrect Answer: eference: Book name Building IoT Application	ons with Python, page no 45, 11cas a
CILILIES.	
	Page 5 of 8

applementation of neural networks?	T Applications with Python from the greyscale image in image processing step of
A noise C highlight	
rect Answer	D blur
Ference: Book name Building for Applie	ations with Python, page no 256, Heading 11.2.2
a spine	ations with Python, page no 256, Heading 11.2.2
7: The output layer in training and testing a	ton - Clark
7: The output layer in training and testing at [Multiple Choice]	top of implementation of neural network can be or
hyperbolic tangent	logistics
Perpet American	D) softmax
ference: Book name Building IoT Applie	cations with Python, page no 258
and the same of th	
2 48 Identify steps involved in using OCR IN	Multiple Choice]
on Gata extraction	B. data analysis
Correct Answer:	D. converting data into machine-readable form
	cations with Python, page no 252, Heading 11.1
Q 49 Identify the actions that are enabled by	OCR technology [Multiple Choice]
A Highlighting keywords	B. Attaching file to an email
Correct Answer:	D. Deleting a file
Q 50: Which among these are not benefits of	
A. Saves time C. Diminishes mistakes	D Reports redundancy
Correct Answer:	with Durhan page no 253
Correct Answer: Reference: Book name: Building IoT Appl	ications with rython, page
Q 51 Identify products that are based on Nat	tural Language B alexa
A siri	D. speech recognition
google assistant	266 Monding 12.1
Correct Answer: Back name Building for Appl	lications with Python, page no 266, Heading 12.1
Q 52: Which method is known as the building	ng block of NLP?
	B. Lemmataization D. TF-IDF
A Tokenization Text vectorization	
Correct Answer:	Heations with Python, page no 266, Heading 12.1.1
Reference: Book name: Building loT App	lications with 1 years 1
Reference	

