

	Subject:Physical Computing and IoT Programming					
	Class: SYCS			SEM-III		
	Note: This is just a sample question bank for Theory examination					
R. No	QUESTION	OPTION1	OPTION2	OPTION3	OPTION4	ANSWER

Sample Questions

1	SoC stand for	System off Chip	System onChip	System online chip	System off-line chip	System on chip
2	Which instruction set architecture is used in Raspberry Pi	x86	MIPs	ARM	None of these	ARM
3	Why add on boards are attached to Raspberry Pi	Make Raspberry pi more legible	None of these	Make raspberry pi more reliable	Add more functionality	Add more functionality
4	Which operating system does Python supports	Linux	OS X	Windows	All of these	All of these
5	what is being used by Internet of Things.	Satellite	Radio Identification Technology	Cable	Broadband	Broadband
6	What does UART contain?	Parallel register	Clock	Parallel shift register	Shift register	Shift register
7	Two wire interface is also called as _____	UART	SPI	USART	I2C	I2C
8	SDA is having a _____transition when the clock line SCL is high.	low to high	high to low	low to low	high to high	high to low
9	Which of the following is not a data link layer technology?	Bluetooth	UART	HTTP	WiFi	HTTP
10	Inter Integrated Circuit is a _____	Single master, single slave	Multi master, single slave	Single master, multi slave	Multi master, multi slave	Multi master, multi slave
11	Communication in UART is _____	Only duplex	Only simple	Only full duplex	Simplex, half duplex, full duplex	Simplex, half duplex, full duplex
12	How do you kill a process in Node.js	Ctrl+C	Ctrl+B	Ctrl+K	Ctrl+P	Ctrl+C
13	cp' command is used to _____.	copy file	call file	check file	cancel file	copy file
14	A start bit in UART communication is always:	1	0	11	10	0
15	Which one of the following is not one of the concerns in Internet of Things?	Efficiency	Data storage	standardsPrivacy concerns	Cyber Security	Efficiency
16	Raspberry pi is an example of _____	Microcontroller	Actuator	SOC	Sensor	SOC
17	_____are the way of getting information into your device.	Printer	Sensors	Monitor	Speakers	Sensors
18	Which layer is CoAP?	Control layer	Transport layer	Service layer	Application layer	Service layer
19	Which is an open standard?	HTTP	TCP	XMPP	CoAP	CoAP
20	URI and content type support is which protocol feature?	HTTP	UDP	CoAP	SPI	CoAP
21	MQTT is _____ oriented.	Data	Message	Network	Device	Message
22	Standard ports of MQTT are _____	I2C	SSL	UART	TCP/IP	TCP/IP
23	Process of identifying any individual is _____	Auditing	Authorisation	Authentication	Accounting	Authentication
24	_____ layer is the communication layer that connects the IoT devices with the cloud.	Internet layer	Sensor layer	Network layer	Application layer	Network layer
25	The architecture of the XMPP network is similar to _____	Chat box	Web browser	Gaming	Email	Email