						Anoraren											
SR.NO.	Question	Option 1	Option 2	Option 3	Option 4	Answer Key											
	Surface-mount technology (SMT) is a method	Electric	Electronic	Pneumatic	Instrumentatio						ĺ						
1	for producingin which the components are mounted or placed directly onto the surface of	circuit, electric	circuit, printed circuit	circuit, pneumatic	n circuit,	В											
		board	board	bench	control panel												
	Printed circuit board are delivered from one	Static charge	Dynamic	Leakage													
2	place to other place in plastic or paper	generation	charge	current	Water drop	A											
	protection because of development of	Infrared lamp	generation Hot gas	Vapor phase	Cold liquid												
3	Following is not a reflow soldering technique	technique	convection	reflow	flow	D											
					all sensors,												
4	Major components of WSN	Sensors	RFID tag	Actuator.	RFID and	D											
5	Frequency band used by Z-WAVE IS :	60 GHz	2.4 GHz	Sub 1 GHz	actuators 5 GHz	С											
	One out of these is not LPWAN technologies:	SigFox	WiFi	NB-IoT	LoRa	В											
	Subnet in M2M are used for generating the																
7	communication link between the M2M devices and the M2M	gateways	devices.	Server.	Router	A											
	A Both glassy and ceramic electrolyte can be															-	
8	made more ionically conductive by substituting	Nitrogen	carbon dioxide	sulphur	hydrogen	С											
	for oxygen		uloxide														
۵	A nuclear battery is a device which uses energy	Hydrocarbon	Hydrogen	Emission of radioactive	chain reaction of radioactive	С											
9	from the to generate electricity.	Tiyurocarbon	Tryurogen	isotopes	element												
	SMD has largely replaced the	pin	through-hole	plated	hole												
10	especially in devices that need to be small or	technology	technology	technology	technology	В											
	flat. Compared to other batteries, nuclear batteries	33	0,7	0,7	0,7												
11	are verybut have an extremelyand high	Cheap, long life	Costly, long life	Cheap short life	Costly, short life	В											
	energy density	iiie	lile	•	ille												
10	In the PCB assembly process, in the solder paste	Caldon atom ail	Caldanmaata	Coldon fluur	Caldan min												
12	printer, a mechanical fixture holds the PCB and in place.	Solder stencil	Solder paste	Solder flux	Solder gun	A											
13	account for most non-connector	SIP	SMD	Pin- up	Plug -in	В											
13	components on PCBs today.		SIVID	components	components	ь											
14	is a more appropriate inspection method	Automatic optical	Manual	Automatic X-ray	Operator	С											
14	for larger batches of PCB Assembly.	inspection	inspection	inspection.	inspection												
	With growing global manufacturing waste of	Environmenta	political		financial												
15	electronics manufacturing has to be	l impact.	impact	social impact	impact	A											
	addressed on priority.	The amount of	The amount of													-	
		waste	waste	The amount of waste surgical	The amount of waste electrical												
16	WEEE or e-waste is	mechanical	biological and	and electronic	and electronic	D											
		and electronic equipment	electronic equipment	equipment	equipment												
477	and standards are used for certifying	RoHS and	FPEAT and	TENER 1 AGOTT	TRIA and												
17	manufacturing material.	EPEAT	RoHS	IEEE and ASCII	EPEAT	A											
18	EPEAT evaluates products into three tiers of	Bronze, Silver			Bronze,	С											
19 20	Batteries are classified as either primary or The most common batteries used in drones are	mechanical Sodium	electrical cadmium	instruments Nickel polymer	electrochemica lithium	D D											-
21	Using SMDdensity components can be	higher	Lower	Medium	Zero	A										-	
22	Thecheck looks at all the design	AOI	DFM	ESD	SMD	В											
23	Wearing ais highly recommended to	band	sweatshirts	shoes	grounded wrist												
24	EPEAT do not audits which of the following	Computers	Imaging		Mobile Phones	C											
25 26	Wearables use a rigid flexible PCB for If SMD component has two leads and for	Moving Length is 06	Stationary Length is 03	Moving as well	only moving 06 Volt with 03	A A								+	-	-	
27	The main benefit of solid electrolytes is that	Risk of leak,	Conductivity,	Non-conductivi		A											$\overline{}$
28	EPEAT stands for	Electronic	Electronic	Electrical	Electronic	В											
29	EPEAT helps user	in	in	in buying and	in buying and	С											
30	RoHS stands for	reusable	Rules of the	Restriction of	Remedial	С											
31	Which of the following substance is not The purpose of RoHS is	Lead to reduce the	mercury to reduce	hydrogen to protect	cadmium to educe the	C D										-	
32	The purpose of Rollo to	13 Tedate ule	toreduce	to protect	to cauce use		 		 								

33 Layers in NGN are	Access,	Physical,Data	Application,	Network,	A											
	7	6	5 5	4	D D				-	-					\rightarrow	
34 Number of layers in NGN architechure 35 The data bandwidth rate in 4G is	2MBps	64KBps	2KBps	1GBps	D D				-						\longrightarrow	
11 11 11 11 11 11 11 11 11 11	1															
36 The multiplexing technique used in 3G is	CDMA	FDMA	TDMA	DMA	A				-							
37 Technology provides Phone calls, Messaging,	2G	3G	4G	5G	В											
38 Within the NGN architecture, the	RACF	NACF	GATEWAY	TRANSPORT	A					ļ						
39 In NGN the interface used to provide	UNI	ANI	NNI	SNI	A											
40 Which one is not feature of SDH	High	Monitoring	High bit rate	Fault detection	С											
41 SDH stands for	Synchronous	Synchronous	Serials Digital	Synchronous	В											
42 The function of MPLS in NGN core is	faster	moderate	faster	to provide less	A											
43 3G technology generation started from	1999	1980	2001	2004	D											
44 The special feaure added in 5G technology is	high	large	remote	Faster data	С											
45 PDN stands for	Packet Data	Positive Data	Passive Data	Packet Digital	A											
46 Policy Control and Charging Rules resides with	Service	PDN gateway	MME	HSS	В											
47 what is the meaning of WWWW	Wired World	Wireless	World World	Wifi &	В											
48 Which Statement is not related to GSM	It is the	Provides	Web browsing	Send/receive	С											
49 Which technology supports over65000	wireless	5G	4G	GSM	В											
50 SMT technology generally called as	robotic	pick and place	Printed circuit	SMD	В											
51 identify the disavantage of SMT	SMT enable	Automatic	The device	The machines	С											-
52 Reflow soldering means	It is repeating	it is solder	The solder is	it is a PCB	С										$\overline{}$	
53 DFM check is the process of	checking	testing PCB	checking the	building	С											-
54 Both glassy and ceramic electrolytes can be	Nitrogen	Carbon	Sulphur	Hydrogen	С											
is a more appropriate inspection	Automatic	Manual	Automatic	Operator	С											
56 and standards are used for	RoHS and	FPEAT and	IEEE and ASCII	TRIA and	A											
57 EPEAT evaluates products into three tiers of	Bronze, Silver	Bronze, Silver	Bronze, Silver	Bronze, Silver	C					1						
58 Batteries are classified as either primary or	mechanical	electrical	instruments	electrochemica	D										$\overline{}$	
59 The most common batteries used in drones are	Sodium	cadmium	Nickel polymer	lithium	В				1						$\overline{}$	
60 The check looks at all the design	AOI	DFM	ESD	SMD	В				<u> </u>						$\overline{}$	
61 . AEVs use a traction battery pack which is	lithium-ion	Nickel-Cadmiu		Wet-cell	A											
62 Full form of QoS is	Questions of	Queue of	Quality of	Quench of	C				<u> </u>	<u> </u>						
63 TMG stands for	Trunk Media	Test Media	Trunk mid	trunk	A					+		-			-	
64 frequency range is used as	900 MHz, 2.4	1MHz, 2.4	900 kHz, 2.4	1MHz, 2.4 kHz,	A										-	
65 The mobile wireless Generation refers to a	nature of the	speed only	technology	nature of the	D					<u> </u>					-	
66 FTTH refers to	Fiber to the	Fiber to the	Fit to the	Fit to the	A				+	-					-	
67 The process of ESD is	releasing of	releasing of	releasing of e	discharging of	B				+						$\overline{}$	
68 Declared hardous Materials that are Restricted	EPEAT	IEEE	RoHS	functional	C				-			-				
69 When a battery is disconnected, the charge at	is unequal	is equal	is zero	is unstable	В				 	-					$\overline{}$	
70 Which kind of battery is not used in electric	lithium-ion	nickel-metal	ultra-capacitors	Nickel-Cadmiu	D				-	-		-			$\overline{}$	
71 All-electric vehicles have in place of	an electric	an induction	an electric	DC series	A				-	 					$\overline{}$	
72 The transport functions of NGN provide	the	transfer the	the	The transport	C				-	-					\longrightarrow	
73 In NGN the interface used to provide	UNI	ANI	NNI	SNI	A				-	-					-	
74include resource control	service	Content	Application	Management	A				-	-						
75 In NGN ,the interface not supporting media	UNI	ANI	NNI	SNI	B				-	-						
76 Number of layer in NGN architecture are	7	6 ANI	5	5NI 4	D D				-						\longrightarrow	
	RACF	NACF	Gateway		A				-	-						
				Transport					-						\longrightarrow	
78 In NGN communication is possible	Within a city	Within a state	Within a	Anywhere in	D				-							
79 The primary function of the IP core network is	to transport	to provide	to provide	to control	С											
80 The data bandwidth rate in 4G is	2Mbps	64Kbps	2Kbps	1Gbps	D		 		-						\longrightarrow	
81 The multiplexing technique used in 3G is	CDMA	FDMA	TDMA	WDMA	A										\longrightarrow	
82 Celluar phone uses frequncy	840 MHz, 900	87.5		1.711MHz-30.0	A				1	<u> </u>					\longrightarrow	
83 In GSM Database that provides subscriber	Home	Visitor	Equipment	Base Station	В				-							
84 multiplexing is used in 4G.	FDMA	CDMA	TDMA	FDMA/CDMA	В				-						\longrightarrow	
85 In licensed radio bands, medium wave	1.711 MHz to	520MHz to	148.5MHz to	87.5MHz to 108	В											
86 In licensed radio bands, short wave frequency	1.711 MHz to	520MHz to	148.5MHz to	87.5MHz to 108	A											
87 In licensed radio bands, FM Broadcast	1.711 MHz to	520MHz to	148.5MHz to	87.5MHz to 108	D											
88 In Fourth Generation (4G) Mobile	Digital	CDMA-2000	Wi-Max	wwww	С											
89 In Fifth Generation (5G) Mobile	Digital	CDMA-2000	Wi-Max	wwww	D											
90 Technology provides Phone calls, Messaging,	2G	3G	4G	5G	В											
91 The protection Scheme in an OTN network is	G 709	G 873.1	G 798	G 872	В											
92 SDH islayer protocol.	Session	Transport	Service	Application	В											
93 Data Speed in 5G is	More than	64Kbps	2Mbps	4 Kbps	A											
94 TTL in MPLS label is	Transistor to	Time to Live	Technology	Through the	В											
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95	Synchronous Digital Hierarchy provides the	Performance	Network	Protection	WDM	A											\longrightarrow	
96	Frequecy used for Unlicensed National	5GHz Band	900 MHz	2.4 GHz	2.4 MHz	A											\longrightarrow	
97	Media Gateways are located in of	access layer	customer	trunk media	application	A												
98	Each mobile is recognized by	International	International	Visitor Location	Mobile station	В												
99	Which organisation is responsible for	International	WLAN	Wireless	Federal	С												
100	identify the wrong statement out of following	A nuclear	These	The	there is panic													
101	Identify the disadvantages of nuclear batteries	Less weight	Obtained	When the	Reliable	С												
102	The preheat zone temperature in reflow	from 1-4°C to	from 100°C to	from 1°C-4°C	above 200°C	A												
103	The soak zone holds the temperature at a	ten minutes	two minutes	thrty minutes	30sec to 40sec	В												
104	is used to pick and place process of PCB	pneumatic	vacuum grip	Hydrulic grip	servoelectric	В												
105	In solder paste printing machine, Temperature	50°C, ±3	25°C,±3	above 50°C	less than 10°C	В												
106	is not used to connect in Surface Mount	Holes	terminals	both holes and	surface	С											$\overline{}$	
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