

GREEN COMPUTING

1	To monitor power consumption yourself, you need to use _____	POWER-MONITORING SOFTWARE	POWER-MANAGING SOFTWARE	POWER-CONTROLLING SOFTWARE	POWER-CONSUMPTION SOFTWARE
2	IBM uses which tool to monitor datacenter power consumption.	PowerExcel	PowerBI	PowerExecutive	PowerControl
3	Which is a device that you plug into the wall and then plug your computer to see amount of power consumption	KILL BILL	KILL A VOLT	KILL A AMPHERE	KILL A WATT
4	_____ is a tool for reducing storage and bandwidth consumed from disk-based backup	DATA RE-DUPLICATION	DATA DE-DUPLICATION	DATA RE-REDUNTANT	DATA RE-DUPLICATION
5	What offers a free worksheet to help you determine various costs for monitor power	TECH DEMOCRATIC	TECH PUBLIC	TECH REPUBLIC	TECH UNIVERSAL
6	Reducing the number of data copies reduces _____	STORAGE AND POWER USES	WORK AND FUNCTION	STORAGE AND PROCESS	PROCESS AND FUNCTION
7	Creating more logical IT resources, within one physical system is called _____	Load balancing	Hypervisor	Virtualization	Service Management
8	The biggest power draw to your IT infrastructure is from your _____	SERVER	MONITOR	PROCESSOR	STORAGE
9	The best way to reduce this power usage is to reduce the number of which resourcess	MONITOR	DISK	PROCESSOR	SERVER
10	_____ units fragment where data is stored in the organization	Direct-connected storage	Direct-attached storage	Direct-access storage	Remote-attached storage

11	Which technique involves identical hardware and operating systems to ensure a smooth rollover in the event of tragedy	Virtualization	Cloud	Clustering	Remote Access
12	What causes a reduction in the need for hardware, space, and energy usage.	Virtualization of Server	DATA RE-REDUNTANT	Load balancing	Clustering
13	A ___ also allows you to grow in a logical, efficient manner	LAN	WAN	MAN	SAN
14	If your organization uses a lot of direct-attached storage, you will see a huge power savings if you switch over to a _____	LARGE AREA NETWORK	STORAGE AREA NETWORK	PROCESS AREA NETWORK	HARD DISK
15	_____ drives use about 50 percent less power per terabyte (TB) than Fibre Channel drives	SATA	PATA	RATA	HATA
16	Who can offer power-savings tips as well as other services that can save you money	Service provider	Network Provider	Utility Company	Computer Company
17	What can provide you with historical information about how much power was consumed	Service provider	Network Provider	Utility Company	Computer Company
18	If you generate more power than you're using, you can sell it back to the power company, The practice is called _____	NET MUNCHING	NET METERING	NET MULTIPLYING	NET SERVING
19	_____ panels absorb solar radiation	PHOTOVOLTAIC	PHOTORADIATOR	PHOTORECEPTOR	PHOTOSOLAR
20	What are made of silicon and coated with tempered glass	PHOTOVOLTAIC	PHOTORADIATOR	PHOTORECEPTOR	PHOTOSOLAR
21	Which device regulates the power and changes it to alternating current	CAPACITOR	TRANSMITTER	INVERTOR	AMPLIFIER
22	_____ can run backward and can show how much you're sending back to the utility company.	TRANSDUCER	OSCILLATOR	RESONNATOR	METER
23	_____ Bangkok-based tiny PC capable of running Puppy and other lightweight Linux distributions	NorthTech	NorhTech	NestTech	NearTech
24	Which Swedish company offers a low-power, quiet Linux file and print server based on Debian Linux	EXITO	EXETO	EXCITO	EXPRES

25	_____ server was designed to be left on all the time, without using much power or generating a lot of noise and uses only 10 watts of power	BUBBA	BUDDHA	BUBBLE	BUBBLY
26	Multiple servers can be consolidated and virtualized onto a single _____	RACK SERVER	BLADE SERVER	VIRTUAL SERVER	STANDALONE SERVER
27	The techniques automatically checking to see if a given action has been taken.	ROLLING	COOLING	PULLING	POLLING
28	_____ are drives that reduce the amount of power they use through a variety of mechanisms, including unloading the heads during idle time to reduce aerodynamic drag.	ECOFRIENDLY HARD DRIVE	REUSABLE HARD DRIVE	GREEN HARD DRIVES	RECYCLEABLE HARD DRIVES
29	Which system that employs hundreds or thousands of hard drives for near-line data storage.	MAID	RAID	SAID	CAID
30	_____ consider as power hogs	PROCESSOR	MONITOR	MEMORY	INPUT DEVICE
31	In wireless communication _____ consume power for both transmitting and receiving	ANTENNA	INFRARED	BLUETOOTH	RADIO
32	WIFI APs announce their presence at regular intervals by sending a _____	SSL PACKET	TCP PACKET	ARP PACKET	BEACON PACKET
33	It's possible to manage many power settings using _____ in Windows or a similar tool in Linux and Mac environments	SECURITY POLICY	GROUP POLICY	USAGE POLICY	UTILITY POLICY
34	Electricity is paid for per _____	WATT-HOUR	VOLT-HOUR	KILOWATT-HOUR	AMPERE-HOUR
35	Ten 100 W light bulbs will use a total of _____ of electricity per hour	1 kWh	10 kWh	100 kWh	0.1 kWh
36	All these sources of heat contribute to the _____ of the server room	ELECTRIC LOAD	HEAT LOAD	ENERGY LOAD	CURRENT LOAD

37	In order for your air conditioner to cool a room, its output must be _____	>HEAT LOAD	<HEAT LOAD	>CURRENT LOAD	<CURRENT LOAD
38	To calculate the cooling needs of the room, use this formula	Room Area BTU = Length (meters(mm)) × Width (mm) × 337	Room Area BTU = Length (meters(inch)) × Width (inch) × 337	Room Area BTU = Length (meters(Cm)) × Width (Cm) × 337	Room Area BTU = Length (meters(m)) × Width (m) × 337
39	If you do have people located in the server room, which formula is used to calculate cooling is _____	Total Occupant BTU = Number of occupants × 200	Total Occupant BTU = Number of occupants × 600	Total Occupant BTU = Number of occupants × 400	Total Occupant BTU = Number of occupants × 800
40	An _____ regulates the use of outside air for cooling a room or a building.	air-side economizer	water-side economizer	air-water economizer	simple economizer
41	A _____ utilizes evaporative cooling	air-side economizer	water-side economizer	air-water economizer	simple economizer
42	_____ in the cooling system passes through a coil to cool the room, thus eliminating the need for the compressor to operate.	AIR	DUST	ALCOHOL	FLUID
43	Dynamic Smart Cooling device is introduced by which organization	DELL	TOSHIBA	HP	SUNMICRO SYSTEM'S

44	_____ uses the datacenter's airconditioning system to adapt to changing workloads with sensors attached to the computers	air-side economizer	water-side economizer	Static Smart Cooling	Dynamic Smart Cooling
45	To deliver the precise cooling environment, ____ must be exchanged at a sufficient rate	WATER	AIR	STEAM	BREEZE
46	In high-density datacenters, air has to be exchanged ___ times an hour	50	60	70	80
47	Which is consider as system in conjunction with the hot-aisle/cold-aisle design can equate to more energy efficiency.	DATA MANAGEMENT	EQUIPMENT MANAGEMENT	CABLE MANAGEMENT	DEVICE MANAGEMENT
48	A good vapor seal reduces the costs to _____	POWER	COOLER	ECONOMIZER	HUMIDIFY
49	What can be build to keep exhaust heat from being sucked back into the device's cool air intakes.	HOT AISLES	RIGID ENCLOSURES	COOL AISLES	RACK FLOOR
50	What can be used to block the open air above your racks that have been configured into a hot-aisle/cool-aisle layout.	HOT AISLES	RIGID ENCLOSURES	FLEXIBLE STRIP CURTAINS	RACK FLOOR
51	Alter your business processes is in your supply chain management known as.	GREEN CHAINING	GREEN SUPPLY	GREEN INPUTS	GREEN SOURCING
52	Who coordinates and oversee green efforts	CHIEF SUSTAINABILITY OFFICER	CHIEF REUSABILITY OFFICER	CHIEF GREENING OFFICER	CHIEF SUPPLY OFFICER
53	Which is a philosophy of managing interaction of company with its current and potential future customer	Relational Marketing	Customer Relationship Management	Customer care	Supply chain Management
54	Which is a forbid harmful chemical out of following	CFCs	HCL	NCL	H2SO4
55	What is consider directive to ensure restricted materials that are hazardous to the environment are properly controlled	STEPs	EEEs	ROHs	EWRA

56	_____ implemented electronic waste disposal legislation prior to the EU WEEE Directive, but changed its legislation to include the EU's mandates.	AUSTRIA	BELGIUM	CYPRUS	FRANCE
57	When creating requests for proposals, make sure to include a green component as well as clear metrics for their measurement as part of _____.	Analyze global issues	Communicate Suppliers	supplier performance management	supplier management
58	EWRA ABBREVIATED AS _____	ELECTRONIC WASTE RECYCLING ACT	ACT OF WASTE RECYCLING ELECTRONIC	ELECTRONIC WASTE REDUCING ACT	ELECTRONIC WASTE REUSING ACT
59	Because of _____, it is prohibited to sell devices in California banned by Europe's RoHS	EEE	EPEAT	STEPS	EWRA
60	ROHS IS ABBREVIATED AS _____	Restriction of Harmful Substance	Restriction of Hazardous Substance	Restriction of Heavy Substance	Registration of Hazardous Substance
61	_____ Restricts the use of certain hazardous substances in electronic and electrical equipment within the European Market	STEPS	EEEs	ROHS	EWRA
62	Electronic Waste Recycling Act is adopted by which state.	CALIFORNIA	NEW YORK	TEXAS	UTAH
63	The _____ shows how decisions of an individual can get bigger and bigger	DECISION MAKING TABLE	DECISION MAKING PYRAMID	DECISION MAKING TRIANGLE	DECISION MAKING LIST
64	_____ devices are especially helpful if you have grass to water	RAIN START ON	RAIN TURN OFF	RAIN TURN ON	RAIN SHUT OFF
65	Which program, help reduce the amount of reusable business waste going into landfills	collaboration Buying	Combine buying	Cooperative Buying	Collaborative Buying

66	Plastic bags are made of _____ products and do not biodegrade and cannot be recycled	PETROLEUM	ALCOHOLIC	ACIDIC	NATURAL
67	When buying refrigerators and other appliances, you should buy models that has _____	ENERGY STAR COMPONENT	ENERGY STAR CERTIFICATE	ENERGY STAR EFFICIENCY	ENERGY STAR ACCEPTANCE
68	Which organization provides free energy audits, reports, technical assistance, and rebates for commercial customers in San Francisco.	San Francisco Department of the Environment	San Francisco Department of the Energy	San Francisco Department of the Electricity	San Francisco Department of the Electronics
69	_____ cleaning products contain ingredients that may cause harm to human health, indoor air quality, and the environment	OUTDOOR	FIELD	JANITORIAL	INDOOR
70	MSDS ELOBRATED AS _____	MATEL SAFETY DATA SHEET	MATERIAL SAFETY DATA SHEET	MATERIAL SECURITY DATA SHEET	MATERIAL SAFETY DATA STUDY
71	The _____ of many cleaning products that are sold to the general public can be found in the National Institutes of Health's Household Products Database	MDSSs	MDDSs	MSSDs	MSDSs
72	Paint can contain toxic heavy metals, whereas cleaning solvents can consist of toxic and flammable petroleum-based products that emit _____	VOCs	VACs	COVs	COP
73	_____ can vaporize and enter the atmosphere, thus contributing to indoor air pollution.	Vigrous organic compounds	Volatile organic compounds	Various organic compounds	Vast organic compounds
74	What can trigger asthma and other breathing problems because they contain product and propellant made up of very small droplets	LEAD	ALCOHOL	AEROSOL	PHENOL

75	Printing ink can contain such heavy metals	ALCOHOL	AEROSOL	PHENOL	BARIUM
76	Batteries can contain heavy metals like	CADMIUM	CHROMIUM	BARIUM	RADIUM
77	The U.S. Green Building Council offers a rating system is called _____	STEEP	EPEAT	LEED	EPA
78	LEED certification is granted to buildings based on _____	Gold 29–41 points	Gold 39–51 points	Gold 49–61 points	Gold 29–50 points
79	The biggest source of wood consumption is	PAPER	FURNITURE	ARTIFACTS	GADGETS
80	The process of deforestation has released about 120 billion tons of _____ into the atmosphere	CARBON MONOXIDE	CARBON TRIOXIDE	LEAD	CARBON DIOXIDE
81	_____ known to cause cancer, liver failure, miscarriages, birth defects, and genetic damage in laboratory animals	MONOXIN	TRIOXIN	DIOXIN	PENTOXIN
82	_____ CAN BE CONSIDER AS LEADING CAUSE OF DIOXIN IN ENVIRONMENT	CHLORINE	BROMINE	CADMIUM	BROMIUM
83	_____ has removed the need for many interoffice memos, company announcements, and snail mail, there is still an enormous amount of paper changing hands—or being filed—in organizations	WHATSAPP	INSTAGRAM	FACEBOOK	E-MAIL
84	What winds up in the trash, usually within a few years of its first being produced ?	FURNITURE	TOOLS	PAPER	GADGETS
85	A good _____ and a system for storage are the keys to success in going paper less	PRINTER	SCANNER	PHOTOCOPIER	APPS
86	Device’s scanning page rate and whether it can scan both sides of the page are called _____	DUAL	BI-DIRETIONAL	DUPLEX	SIMPLEX
87	_____ is software that allows you to create Portable Document Format	ADOBE ACROBAT STANDARD	ADOBE PHOTOSHOP STANDARD	CAM SCANNER	MS OFFICE

88	To fully enable your environment paperless, you will need an application that can perform _____ on scanned documents	OMR	OQR	OPR	OCR
89	_____ feature can be provided in pdf file for easy information location.	FIND AND REPLACE	SEARCHABLE TEXT	LOCATOR	GPS
90	_____ has traditionally been associated with working on the move	E-MAIL	FAX	PAPER	CLIPBOARD
91	_____ are small, handheld computers with touch screens that allow you to enter information	PDF	PADS	PDA	TABLETS
92	PDA's typically run a version of Microsoft Windows Mobile for Pocket PCs uses os like	PALM OS	LINUX	ANDROID	WINDOW CF
93	_____ are a hybrid between a laptop and a PDA	SMART PHONE	PALM TOP	NOTEBOOK	TABLET PCs
94	_____s the OS normally installed on tablet PCs	WINDOWS XP	LINUX	MAC OS	ANDROID
95	_____ has targeted telephones as part of its Unified Communications initiative	APPLE	NEXT	MICROSOFT	IBM
96	_____ targets traditional business private branch exchanges (PBXs)	UNIFIED TELECOMMUNICATION	UNIFIED COMMUNICATION	UNIFIED DATA COMMUNICATION	UNIFIED INTER-COMMUNICATION
97	The less-expensive option is to use the Internet via _____	INFRARED	BLUETOOTH	WIFI	VOICE OVER IP
98	Which system treats voice like e-mail	UNIFIED TELECOMMUNICATION	UNIFIED COMMUNICATION	UNIFIED DATA COMMUNICATION	UNIFIED INTER-COMMUNICATION
99	Which system need to be install to easily add, delete, and update content	RMS	CRM	CMS	CIS

100	_____ allows members of your organization to do their work using Microsoft Office applications, e-mail, or web browsers	MOSS	FOSS	AOSS	IOSS
101	_____ is defined as the ratio of the power used by the IT equipment to the total amount of power used by data center.	Data Center Efficiency	Computing equipment power	Data center power	Data center effect
102	IT equipment can be monitors, computer, storage, networking equipment, switches and _____	Fan	Torch	router	Watch
103	Suppose data center uses 100000kW power and 8000kw of power is actually being used by IT equipment then PUE will be _____	8	1.25	1.75	17.5
104	If data center uses _____ kW power and 8000 kW of power is actually being used by IT equipment then PUE will be 1.25	100	1000	10000	100000
105	Suppose data center uses 10000 kW power and 8000 kW of power is actually being used by IT equipment then DCE will be _____	8	0.8	0.08	0.008
106	Suppose data center uses _____ kW power and 8000 kW of power is actually being used by IT equipment then DCE will be 0.8	100000	10000	1000	100
107	It is measurement of how efficiently the available storage space in data center is used.	Storage Utilization	Storage Density	CPU utilization	SWaP
108	It is a measurement of amount of storage per square feet of floor space.	Storage Utilization	Storage Density	CPU utilization	SWaP
109	It compares amount of storage to the data center area.	Storage Utilization	Storage Density	CPU utilization	SWaP
110	This metric helps in calculating amount of work being done by servers' CPUs.	Storage Utilization	Storage Density	CPU utilization	SWaP
111	Actual _____ depends on amount and type of task, its utilization is low and not very efficient	Storage Utilization	Storage Density	CPU utilization	SWaP
112	If server is running only one task, _____ is low and not very efficient.	Storage Utilization	Storage Density	CPU utilization	SWaP

113	When a greater number of virtualized tasks are added to the server, its efficiency _____ and also the utilization.	increases	Decreases	Does not change	fluctuates
114	It is the metric which measure issues such as space and power used along with the performance.	Storage Utilization	Storage Density	CPU utilization	SWaP
115	A server is performing 500 operations, has 5 racks and consumer 400 watts of power. So, SWaP will be _____.	25	2.5	0.25	0.025
116	They present and organize information in a way that is easy to read and track. They also help in understanding the business conditions at-a-glance.	OLAP	Digital Dashboard	Data mining	Reporting software
117	_____ helps to measure performance and efficiency, to identify negative trends, to generate detailed reports, etc.	OLAP	Digital Dashboard	Data mining	Reporting software
118	_____ allow user to extract, analyse and view data from different points of view.	OLAP	Digital Dashboard	Data mining	Reporting software
119	It is designed for managers and business analysts to help find more detailed information about trends and identify potential issues and opportunities.	OLAP	Digital Dashboard	Data mining	Reporting software
120	They provide aggregated views of data which is being tracked.	OLAP	Digital Dashboard	Data mining	Reporting software
121	It helps to extract meaningful information from data set and transform it into a form which can be used for making decisions.	OLAP	Digital Dashboard	Data mining	Reporting software
122	This software provides information about status and results of various transactions, processes and operations.	OLAP	Digital Dashboard	Data mining	Reporting software
123	It helps in making better business decisions, quickly analysing problem areas, taking advantages of new opportunities.	olap	Digital Dashboard	Data mining	Reporting software
124	It is relational database management server.	PHP	Firefox	Microsoft SQL server	Microsoft performance point

125	This server is very powerful and helps to track the data to monitor progress.	php	Firefox	Microsoft SQL server	Microsoft performance point
126	It includes various services such as replication, analysis, reporting, service broker, notification, integration, searching etc.	php	Firefox	Microsoft SQL server	Microsoft performance point
127	Amount of waste generated by the business has a huge impact on _____.	User	Server	Environment	None of the above
128	It is a philosophy of managing interaction of company with its current and potential future customers.	Customer Relationship Management	Workflow management	Green supply Management	Green procurement
129	It is used for coordinating among all the players of the organization so that customers are served well.	Customer Relationship Management	Workflow management	Green supply Management	Green procurement
130	This approach tries to analyse history data about customers to improve business relationship with the customers focusing on retaining those customers and ultimately increasing sales of the company.	Customer Relationship Management	Workflow management	Green supply Management	Green procurement
131	Which of this is not the component of CRM?	Database	Business Modelling	Customer intelligence	SharePoint server
132	It is a document management platform and storage system which is used to host websites that can be then shared across workspaces and documents.	Database	Business Modelling	Customer intelligence	SharePoint server
133	It means acquiring products and services that are causing minimal adverse impact on environment and human health.	Customer Relationship Management	Workflow management	green supply chain	Green procurement
134	This means considering how products was made, how it will be transported and used and how it will be discarded at the end-of-life.	Customer Relationship Management	Workflow management	green supply chain	Green procurement
135	There is no definite answer for the question like how many servers can be eliminated using _____.	Virtualization	green supply chain	workflow management	SharePoint server

136	It is not only the organization which is responsible for protecting the environment and becoming green but the companies from which one is buying parts and services and companies with which one is in business with are also required to be ecologically responsible.	Customer Relationship Management	Workflow management	green supply chain	Green procurement
137	It is a software distribution model where a third-party vendor offers its software to customer for use over the internet.	Platform as a Service	software as a service	Shared Services	SharePoint server
138	_____ has a job role that involves implementing and supervising organization's green initiatives.	Chief green Officer	Chief executive officer	Green Administrator	Environmental officer
139	Green IT department and data center is not a destination, it is _____.	Goal	Audit	Evolution	Journey
140	One should continually evaluate organization, processes and equipment to make sure that one is as one can be to _____ environmental impact and save money.	Neglect	Increase	Reduce	Replace
141	This refers to collection of information about energy usage of organization so that it can used to measure further readings against.	Conduct audits	Gather Data	Baseline Data	Benchmarking
142	It helps in monitoring the overall progress and comparing that progress with the other organization.	Conduct audits	Gather Data	Baseline Data	Benchmarking
143	Periodic _____ need to be conducted to identify opportunities for improvement in the performance of equipment, processes, and systems.	Audits	Reports	Strategies	analysis
144	Implementing green practises helps to reduce _____ introduced in the environment.	Cost	ENERGY	Time	Toxins
145	It is a mechanism that helps us set and achieves certain goals. Smart is an acronym where S-_____, M-Mechanism, A-Attainable, R-Realistic, T-Timely.	Specific	soft	Systemaic	strict
146	It is a mechanism that helps us set and achieves certain goals. Smart is an acronym where S-Specific, M-_____, A-Attainable, R-Realistic, T-Timely.	Management	Measurable	Motivational	Movement

147	It is a mechanism that helps us set and achieves certain goals. Smart is an acronym where S-Specific, M-Mechanism, A-_____, R-Realistic, T-Timely.	Attainable	Attention	Active	Accomplish
148	It is a mechanism that helps us set and achieves certain goals. Smart is an acronym where S-Specific, M-Mechanism, A-Attainable, R-_____, T-Timely.	Ready	Reactive	Regional	Realistic
149	It is a mechanism that helps us set and achieves certain goals. Smart is an acronym where S-Specific, M-Mechanism, A-Attainable, R-Realistic, T-_____.	Tactic	Truly	Timely	Trusty
150	Which of the below is a Benchmarking way:	Comparison with past performance	Comparison with other industry average	Comparison with established practices	All of the above