FYCS - Sem2 - Green Technology
Sample Question Bank

Sr.No.	Question	A	B	C	D	Answer
1	Computers and other IT infrastructure consume significant amounts of electricity, placing a heavy burden on our electric grids and contributing to _____ emissions.	greenhouse gas (GHG)	CO_2	Carbon-monoxide	nitrogen	greenhouse gas (GHG)
2	_____ is the study and practice of designing, manufacturing and using computers, servers, monitors, printers, storage devices and networking and communications systems efficiently and effectively.	Green Tech	Green World	Green House	Green IT	Green IT
3	_____ can occur from a variety of causes, both natural and human induced.	Global unawareness	Global warming	Global hazards	Global distribution	Global warming
4	Reducing electric power consumption is a key to reducing _____emissions	CO_2	Oxygen	Nitrogen	Lethium	CO_2
5	_____ is the 'development that meets the needs of the present without compromising the ability of future generations to meet their own needs'.	Persistant development	Sustainable development	All of above	None of these	Sustainable development
6	The _____ was internally focused on reengineering IT product and processes to improve IT's energy efficiency.	Green IT 1.0	Green IT 2.0	Green IT 3.0	Green IT 4.0	Green IT 1.0

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7	___ __ is externally focussed and empowers a range of gre initiatives aimed at reducing environmental degradation.	Green IT 1.0	Green IT 2.0	Green IT 3.0	Green IT 4.0	Green IT 2.0
8	_____ makes energy-efficient and environmentally sound elements, computers, servers and cooling instrumentation.	Green Design	Green Use	Green disposal	Green Manufacturing	Green Design
9	____ does electronic elements, computers and different associated subsystems with minimal or no impact on the atmosphere.	Green Design	Green Use	Green disposal	Green Manufacturing	Green Manufacturing
10	____ refurbish and recycle previous computers and properly recycle unwanted computers and alternative equipment.	Green Design	Green Use	Green disposal	Green Manufacturing	Green disposal
11	____ are essentilals to the holistic, effective and efficint management of the data center ecosystem.	Information	Data	Value	Metrics	Metrics
12	PUE is calculated as ____	IT Equipment Power/Total Facility Power	IT Power/Total Facility Power	IT Equipment Power/Total Power	IT Power/Total Facility Power	IT Equipment Power/Total Facility Power
13	CUE stands for ____	Carbon Use Efficiency	Carbon Usage effectiveness	Carbon Usage effeciency	Carbon Unsafe Effectiveness	Carbon Usage effectiveness
14	___ is medium of data storage.	Magnetic drive	Magnetic disk	Magnetic Tapes	All of above	Magnetic Tapes
15	There ae two types of flash memory _____	MLC & SLC	MMC &SLC	MLC & SSC	MSL & SLC	MLC & SLC
16	In ____ rotation speed of a hard disk is varied based on workload is technique for hard disk energy management.	Parallel RPM	Constant RPM	Static RPM	Dynamic RPM	Dynamic RPM
17	_____ also called tiered storage, is a way to manage data layout and is widely used in industry.	HSM	HSS	HMM	HSD	HSM

#	Question					
18	____ refers to online storage offered by tghird parties, instead of storing data to the local storage device.	Database storage	Data storage	Disk storage	Cloud storage	Cloud storage
19	What are objectives of Green Networking?	Minimizing carbon footprint	Impoving operational sustainability	Minimizing financial cost	All of above	All of above
20	There is minimum of ___ bits in RTP packet prior to the encapsulation of application data.	96	95	94	93	96
21	There are ____ major categories of enablers for green IT.	3	4	2	6	4
22	____ is the process of buying and selling goods and services electronically.	E-commerce	Digitalization	B2Cs	B2B	E-commerce
23	Organizational IS can be seperated into major categories of system namely _____.	TPS	DSS	ESS	All of above	All of above
24	____ is not a step of LCA	Goal definition	Inventory analysis	Interpretation	Design	Design
25	The ___ is an international declaration on the principles needed to build a just, sustainable and peaceful global society.	Earth Charter	Earth Tools	3R's	Sustainability Principles	Earth Charter