SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)

SRMNagar, Kattankulathur-603203

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AND DEPARTMENT OF INFORMATION TECHNOLOGY

QUESTIONBANK



VIII SEMESTER

1904803 - GREEN COMPUTING

Regulation-2019

Academic Year 2022–23 (Even Semester)

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(An Autonomous Institution) SRM Nagar, Kattankulathur–603203.



DEPARTMENT OF COMPUTER SCIENCE ANG ENGINEERING AND DEPARTMENT OF INFORMATION TECHNOLOGY <u>OUESTION BANK</u>

SUBJECT CODE & NAME : 1904803- GREEN COMPUTING

SEMESTER / YEAR : VIII / IV

UNIT I - FUNDAMENTALS

Green IT Fundamentals: Business, IT, and the Environment –Green computing: carbon foot print, scoop on power –Green IT Strategies: Drivers, Dimensions, and Goals – Environmentally Responsible Business: Policies, Practices, and Metrics

PART A

Q.No	Questions	BT Level	Competence
1.	Define Green computing.	BTL1	Remember
2.	What are the 3Rs of Green IT?	BTL1	Remember
3.	Distinguish between EI and BI.	BTL2	Understand
4.	What the major factors that contribute to carbon emissions in an organization?	BTL1	Remember
5.	Point out the specific ways in which a comprehensive Green IT strategy is benefits an organization.	BTL4	Analyze
6.	Give the Major IT Area Influencing Environment.	BTL2	Understand
7.	What is ERBS?	BTL1	Remember
8.	List four encompassing layers of a comprehensive Green IT vision of an enterprise.	BTL1	Remember
9.	Classify the challenges of carbon Economy.	BTL4	Analyze
10.	Define Carbon foot print.	BTL1	Remember
11.	Illustrate the concepts of Business intelligence.	BTL3	Apply
12.	Compare environmental practices that can be incorporated in green organization.	BTL4	Analyze
13.	Describe the impact of BI to EI	BTL2	Understand
14.	Give elements of an ERBS forming the Green Strategies Mix	BTL2	Understand
15.	Illustrate the Drivers for environmental responsibility of business relationship used in Use case.	BTL3	Apply
16.	What are the Steps in developing an ERBS?	BTL3	Apply
17.	Generalize about Green organizational goals to be achieved through policy development	BTL6	Create
18.	Evaluate about Lean Impact on Green.	BTL5	Evaluate
19.	Generalize your views about Environmentally responsible business policies.	BTL6	Create
20.	Define green sustainable policy.	BTL5	Evaluate
21.	Interpret the need for green computing.	BTL2	Understand

22.	Categorize the green IT drivers?	ВТ	ΓL4	Analyze
23.	Classify the 5 M's of Carbon metrics	ВТ	TL3	Apply
24.	Predict the types of carbon emissions under scope?	ВТ	TL5	Evaluate
	PART -B		1	
1.	Explain with Diagram Information technology influences business, society, and environment.	13	BTL4	Analyze
2.	Give the challenges of carbon economy.	13	BTL2	Understand
3.	Explain Interplay of business and environment through information technology.	13	BTL4	Analyze
4.a	Examine the Green Enterprise Characteristics.	07	BTI 2	Apply
4.b	Classify the impact of Business to Environmental Intelligence	06	DIL	Арргу
5.a	Explain Green IT Drivers?	07	DEL 1	D 1
5.b	Identify the impact of Business to Environmental Intelligence	06	BILLI	Remember
6.a	What are Environmental factors influencing organization's business strategies over next 3–5 years.	08	BTL1	Remember
6.b	Describe Green IT Strategies: Range of Impact.	05		
7.	Summarize the impact of Green IT policies in three ways (length, breadth, depth).	13	BTL2	Understand
8.a	Illustrate Economy, people, processes, and technology dimensions in an ERBS.	08	рті 2	Apply
8.b	Classify the Drivers and Factors lead to an ERBS.	05	DILS	rippiy
9.	Generalize the concepts of steps Developing an ERBS.	13	BTL6	Create
10.	List the Various Green policies that are implemented through practices, and proved through metrics.	13	BTL1	Remember
11.	Explain Coverage of carbon metrics.	13	BTL4	Analyze
12.a 12.b	Summarize KPIs in Green Strategies. Give the steps to find actors and goals.	07 06	BLT2	Understand
13.	Describe and Discuss the importance of consortiums in an 8+ year Green IT strategy.	13	BTL1	Remember
14.	Explain the four dimensions a long which an organization can transform to a green organization?	13	BTL5	Evaluate
15.	Classify about carbon emissions in IT?	13	BTL3	Apply
16.	Explain in detail about policies, practices, and metrics of ERBS?	13	BTL2	Understand
17.	Explain about Green IT Dimensions, Drivers, and Goals?	13	BTL5	Evaluate
	PART -C	1	1 1	
1.	Explain the impact of the Global Financial Crises (GFC) on existing or potential green initiatives?	15	BTL5	Evaluate
2.a	Discuss the following KPI Problems My organization will reduce 10% over its last year's energy bill. This reduction is aimed over next 3 years, at the end of which, we will review all factors associated with this reduction.	/	BTL6	6 Create

2.b	My organization will reduce production machines operation hours by 20% via intense focus on idling times of the machines over the next 3 years. At the end of the 3-year period, all factors impacting operation and production costs will be reviewed against their carbon costs.	08		
3.	Design and List and discuss any three elements in the mind map of a Chief Green Officer.	15	BTL6	Create
4.	Assess the Measurement of Carbon Footprint of an Organization.	15	BTL5	Evaluate
5.	Explain in detail about Environmentally Responsible Business?	15	BTL5	Evaluate

UNIT II - GREEN ASSETS AND MODELING

Green Assets: Buildings, Data Centers, Networks, and Devices - Green Business PROFESSIONAL ELECTIVE V Process Management: Modeling, Optimization, and Collaboration – Green Enterprise Architecture –Environmental Intelligence Green Supply Chains – Green Information Systems: Design and Development Models.

Enter	prise Architecture –Environmental Intelligence Green Supply Chai	ns – Gre	en Information				
Syste	Systems: Design and Development Models.						
	PART – A						
1.	Define Green Assets.	BTL1	Remember				
2.	Illustrate the type of assets.	BTL3	Apply				
3.	"The role of green mobile"- Justify.	BTL5	Evaluate				
4.	Discover what is Green Data Centers	BTL3	Apply				
5.	Define Carbon Emitting Bit.	BTL1	Remember				
6.	Analyze the factors influencing Green data center.	BTL4	Analyze				
7.	Generalize your view on Tools used for measuring carbon emissions.	BTL6	Create				
8.	Summarize the list of Green Process Categories	BTL5	Evaluate				
9.	Analyze the concepts Green business process management (Green BPM)	BTL4	Analyze				
10.	Interpret the factors of Green BPM.	BTL2	Understand				
11.	Distinguish between coupling and cohesion.	BTL2	Understand				
12.	When to use Patterns?	BTL1	Remember				
13.	Analyze Green Enterprise Architecture.	BTL4	Analyze				
14.	Define Enterprise Architecture (EA).	BTL1	Remember				
15.	Generalize the concepts of responsibility. What are the various types of responsibilities?	BTL6	Create				
16.	Discuss the benefits of VPN.	BTL2	Understand				
17.	Define Green Information system(GIS)	BTL1	Remember				
18.	What is Regulatory Standards Portal(RSP)	BTL1	Remember				
19.	Give the Major phases in GIS	BTL2	Understand				
20.	Illustrate SCM	BTL3	Apply				
21.	Analyze the key elements of Green Data Center.	BTL4	Analyze				
22.	Define Green Re-engineering.	BTL2	Understand				
23.	Examine Environmental Intelligence	BTL3	Apply				
24.	Justify the uses of Green Re-engineering.	BTL5	Evaluate				

PART -B					
1.a	Explain in detail about the major activities relating to the infrastructure assets .	08	RTI 1	Remember	
1.b	Explain types of Assets (Categories) and their Impact on the Environment	05	DILI	Remember	
2.a	Explain the Green data center influencing factors.	05	RTI /	Analyze	
2.b	Explain in detail A carbon-emitting bit.	08	DIL	Anaryze	
3.	Demonstrate Polices and Practice of Green P-O-D in the Context of Devices and Peripherals.	13	BTL3	Apply	
4.	Generalize your idea on Green Business Process Management.	13	BTL6	Create	
5.	Explain in detail how can Cloud computing help reduce carbon emissions?	13	BTL5	Evaluate	
6.a	Give Green Process Categories and their Carbon Impact.	08			
6.b	Discuss the Individual, organizational, and collaborative green processes	05	BTL2	Understand	
7.	What is Green BPM? Discuss the role Green BPM plays in the reduction of an organizational carbon footprint.	13	BTL1	Remember	
8.	Discuss in detail about Various views of a comprehensive Green enterprise architecture: mapping design.	13	BTL2	Understand	
9.a	Illustrate Evolving Green Systems Architecture with help of diagram.	08	BTL3	Apply	
9.b	Classify Various aspects of a Green solutions.	05			
10.	Examine the Environmental Intelligence.	13	BTL1	Remember	
11.a	Examine in detail about Deployment diagram for GIS.	07	DTI 1	Remember	
11.b	Describe the concepts Component diagram for GIS.	06	DILI	Remember	
12.	Discuss in detail about the role of SCM systems in the GEA.	13	BTL2	Understand	
13.a	Explain the Elements of a Green ICT information portal.	07			
13.b	Analyze Supplier Contract Conditions in the Context of Environmental Intelligence.	06	BTL4	Analyze	
14.	Analyze the Sequence diagram (dynamic model) for "emissions check".	13	BTL4	Analyze	
15.	Discuss about Green Supply Chain Management (SCM)?	13	BTL2	Understand	
16.	Illustrate in detail about Green Information System (GIS)?	13	BTL3	Apply	
17.	Briefly explain about Environmental Intelligence Domain (EI Domain)?	13	BTL5	Evaluate	
	PART C				
1.	Determine how the efficient use of Green assets could lead to reduction in energy consumption?	15	BTL5	Evaluate	
2.	Generalize the concept of reengineering of the processes of a digital library.	15	BTL6	Create	
3.	Create a architecture and explain with an Example the Green Enterprise Architecture.	15	BTL6	Create	

4.	Draw and explain Use case diagram for green organizational portal?	15	BTL5	Evaluate
5.	Compose about Green Enterprise Architecture (GEA) and Green Solution Architecture (GSA).	15	BTL5	Evaluate

	UNIT III - GREEN FRAMEWORK		
Virtua	lizing of IT systems –Role of electric utilities, Telecommuting	r teleco	nferencing and
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telepol	rting -Materials recycling -Best ways for Green PC -Green Da	ata cente	r –Green Grid
	PART – A		
1.	Define Virtualization.	BTL1	Remember
2.	List out the types of virtualization.	BTL1	Remember
3.	Express benefits of telecommuting offered to individuals and businesses.	BTL2	Understand
4.	Define Telecommuting Class Diagram?	BTL1	Remember
5.	Express three tips to go Green with your PC. why we call a domain model as "Visual Dictionary".	BTL2	Understand
6.	Classify Some of the challenges in telecommuting.	BTL3	Apply
7.	Define Environmental Product Environment Assessment Tool (EPEAT).	BTL6	Create
8.	List out the three biggest energy hogs in computer system.	BTL1	Remember
9.	Compare virtualization techniques	BTL5	Evaluate
10.	Illustrate Formula for Data Center Infrastructure Efficiency(DCIE) the usage of Description class.	BTL3	Apply
11.	Give the Advantages of using green PC.	BTL2	Understand
12.	Comparison between Server virtualization and application virtualization.	BTL4	Analyze
13.	Analyze the Benefits of Green data center.	BTL4	Analyze
14.	Generalize the concept of energy usage in data center	BTL6	Create
15.	Differentiate Telecommuting and Teleconferencing	BTL2	Understand
16.	Analyze the concepts of Power Usage Efficiency(PUE)	BTL4	Analyze
17.	Summarize the Special virtualization features of IBM systems	BTL5	Evaluate
18.	Define Green grid.	BTL1	Remember
19.	Illustrate the concepts Green grid frame work.	BTL3	Apply
20.	When to use material recycling?	BTL1	Remember
21.	Give the advantages of teleconferencing in promoting green	BTL2	Understand
22.	Illustrate the basic concepts of Consolidation and Virtualization.	BTL3	Apply
23.	Examine the role of hypervisor.	BTL4	Analyze
24.	Predict the six steps in recycling.	BTL5	Evaluate

	PART-B						
1.a	Describe storage Virtualization.	06	BTL1	Remember			
1.b	Describe the concepts Client Virtualization	07					
2.	What is Virtualization? Explain Server virtualization in Detail.	13	BTL5	Evaluate			

4.a Write down the Tips to start moving your data center towards 4.b Describe how you will Optimize your data center cooling. 5 Design and explain the Green Home Office - Telecomm Central. 6.a Analyze the concepts of Managing the Challenges of Telecommuting. 6.b Explain is tablishing expectations in telecommuting. 6.c Explain in detail about Understanding How You Use Devices for green PC. 7.b Explain in detail about Developing computer habits that save energy for green PC. 8.a Illustrate about "Using your monitor with efficiency in mind" in Green PC. 8.b Illustrate about "Spotting an energy hog" to make Green PC. 8.b Discuss about how energy is used in a data center of Discuss the Environmental laws and the company image in data center. 9.b Discuss the Environmental laws and the company image in data center. 10. Discuss about data center and its uses. 11. Illustrate about Green grid frame work. 12. Describe in detail about the telecommuting. 13. Differentiate the types of virtualization techniques. 14. Analyze the roles of electric utilities. 15. Explain in Detail about material recycling? 16. Discuss the best ways to make your PC greener. 17. Compose about virtualizing of IT Systems. 18. Discuss the best ways to make your PC greener. 19. Discuss the best ways to make your PC greener. 10. Discuss the best ways to make your PC greener. 11. Diagnose 2. Build 3. Cool 4. Virtualize and simplify 5. Manage, measure, and enhance 2. Explain your understanding on individual, organizational and collaborative processes. 2. Discuss why individual green processes are short-term strategies, whereas collaborative green processes are short-term strategies, whereas collaborative green processes are short-term strategies, whereas collaborative green processes are short-term strategies. 3. Design the steps to Speed up your Internet access to get green 8	3.	Describe how to Assess the greenness of your data center.	13	BTL1	Remember
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13. Differentiate the types of virtualization techniques. 14.a Analyze the roles of electric utilities. 14.b Analyze about green PC. 15. Explain in Detail about material recycling? 16. Discuss the best ways to make your PC greener. 17. Compose about virtualizing of IT Systems. 18 BTL2 Understand 17. Compose about virtualizing of IT Systems. 18 BTL5 Evaluate PART-C 1. How IBM Global Technology Services can help with the following categories in your move toward having a green data center: 1. Diagnose 2. Build 3. Cool 4. Virtualize and simplify 5. Manage, measure, and enhance 2.a Explain your understanding on individual, organizational and collaborative processes. 2.b Discuss why individual green processes are short-term strategies, whereas collaborative green processes are long-term strategies.	12.a		08		
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15. Explain in Detail about material recycling? 16. Discuss the best ways to make your PC greener. 17. Compose about virtualizing of IT Systems. 18 BTL2 Understand 17. PART-C 1. How IBM Global Technology Services can help with the following categories in your move toward having a green data center: 1.Diagnose 2.Build 3.Cool 4.Virtualize and simplify 5.Manage, measure, and enhance 2.a Explain your understanding on individual, organizational and collaborative processes. 2.b Discuss why individual green processes are short-term strategies, whereas collaborative green processes are long-term strategies	14.a	Analyze the roles of electric utilities.	07	BTL4	Analyze
16. Discuss the best ways to make your PC greener. 17. Compose about virtualizing of IT Systems. 18 BTL2 Understand 17. PART-C 1. How IBM Global Technology Services can help with the following categories in your move toward having a green data center: 1. Diagnose 2. Build 3. Cool 4. Virtualize and simplify 5. Manage, measure, and enhance 2.a Explain your understanding on individual, organizational and collaborative processes. 2.b Discuss why individual green processes are short-term strategies, whereas collaborative green processes are long-term strategies	14.b	Analyze about green PC.	06		
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PART-C 1. How IBM Global Technology Services can help with the following categories in your move toward having a green data center: 1.Diagnose 2.Build 3.Cool 4.Virtualize and simplify 5.Manage, measure, and enhance 2.a Explain your understanding on individual, organizational and 8 collaborative processes. 2.b Discuss why individual green processes are short-term strategies, whereas collaborative green processes are long-term strategies PART-C BTL6 Create 15 BTL6 Create 2.a Explain your understanding on individual, organizational and 8 collaborative processes. BTL5 Evaluate	16.	Discuss the best ways to make your PC greener.	13	BTL2	Understand
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5.Manage, measure, and enhance 2.a Explain your understanding on individual, organizational and collaborative processes. 2.b Discuss why individual green processes are short-term strategies, whereas collaborative green processes are long-term strategies BTL5 Evaluate		2.Build 3.Cool	13	BILO	Create
collaborative processes. 2.b Discuss why individual green processes are short-term strategies, whereas collaborative green processes are long-term strategies BTL5 Evaluate		* •			
2.b Discuss why individual green processes are short-term strategies, 7 whereas collaborative green processes are long-term strategies BTL5 Evaluate	2.a		8		
3.a Design the steps to Speed up your Internet access to get green 8	2.b	Discuss why individual green processes are short-term strategies,	7	BTL5	Evaluate
	3.a	Design the steps to Speed up your Internet access to get green	8		

3.b	Explain reuse, reduce, recycle in-Making the Case for a New Purchase.	7	BTL6	Create
4.	Design and discuss about the best ways for Green PC.	15	BTL5	Evaluate
5.	Briefly explain the contribution of telecommuting, teleconferencing, and teleporting inconversion of Green IT	15	BTL5	Evaluate

UNIT IV - GREEN COMPLIANCE

Socio-cultural aspects of Green IT –Green Enterprise Transformation Roadmap –Green Compliance: Protocols, Standards, and Audits –Emergent Carbon Issues: Technologies and Future

	$\mathbf{PART} - \mathbf{A}$		
1.	Define green IT's social impact.	BTL1	Remember
2.	Define evolving green HR.	BTL1	Remember
3.	Illustrate the role-based view of green it.	BTL3	Apply
4.	Compare Green IT's Social Impact and Green Social Stakeholders	BTL5	Evaluate
5.	List out the three main categories of green-collar workers.	BTL1	Remember
6.	Show the Green point method.	BTL3	Apply
7.	Differentiate the strengths and weaknesses of GET processes.	BTL2	Understand
8.	Interpret the Issues related to a pilot project.	BTL2	Understand
9.	Define the green requirements of the business.	BTL1	Remember
10.	Explain the Corporate Governance and the planning activities in relation to enterprise transformation enabled by IT.	BTL5	Evaluate
11.	Differentiate diagnosis phase of End-user efficiencies and diagnosis activities are carried out.	BTL2	Understand
12.	Analyze the domain of climate change and environmental sustainability in business is inundated with rapidly evolving protocols, legislations, and standards.	BTL4	Analyze
13.	Define Copenhagen.	BTL1	Remember
14.	Analyze the components of the ISO 14001 standard and their relevance to green IT.	BTL4	Analyze
15.	Design the notation of verified and validated in a green audit.	BTL6	Create
16.	Describe the specific advantages in undertaking Green IT audits within organizations.	BTL2	Understand
17.	Classify the ways in which they can be applied to green audits.	BTL3	Apply
18.	Analyze the potential for reducing the overall carbon emissions	BTL4	Analyze
19.	Generalize the concepts of Environmental intelligence.	BTL6	Create
20.	List the Future of Green IT in the Four Dimensions.	BTL1	Remember
21.	Discuss the four dimensions of GET.	BTL2	Understand
22.	Investigate the five areas of Green Metrics	BTL4	Analyze
23.	Predict the advantages of Green IT.	BTL5	Evaluate
			4

	PART-B			
1.a	Compare views of various cross-sections of society on environmental initiatives and role-based view of green it.	08	DITT. C	
1.b	Explain the concepts of relative speed of change in green enterprise transformation.	05	BTL5	Evaluate
2.a	What is green IT influencing working lifestyle?	03	DTI (C4
2.b	Create green user practices that have social impact.	10	BTL6	Create
3.	Illustrate the subjectivity in green it arises from differencing priorities of the same individual.	13	BTL3	Apply
4.a	Illustrate about personalization of the green context by end-users leads to change in attitude.	07	BTL3	Apply
4.b	Draw the diagrams for channels of communications in green IT projects.	06		
5.	Describe the diagram and short notes on Green Enterprise Transformation.	13	BTL1	Remember
6.a	With short notes on A Green ICT Framework.	03	BTL1	Remember
6.b	Describe the Applying the four dimensions to GET.	10	DILI	Kemember
7.	Explain about with detail on enterprise and data center an	13	BTL4	Analyze
8.	Describe the detail with example of Green Transformation Process.	13	BTL2	Understand
9.a	With an example describe notations used in Green IT Project Roles.	05	DTI 1	Damanhan
9.b	Short notes on Responsibility of GTC, Business Architect and Variations and Business Architect and Variations.	08	DILI	Remember
10.a	What is the deliverables in a green IT project?	03		
10.b	Differentiate the relationship between diagnosing equipment lifecycle's carbon efficiencies and diagnosing end-user computing's carbon efficiencies an example.		BTL2	Understand
11.	Describe the Planning end-user Green IT transformation.	13	BTL1	Remember
12.	Discuss about Enterprise IT Data Center Efficiencies with suitable example.	13	BTL2	Understand
13.a	What is the Purpose of the ISO 14000:2004 family of standards?	04	BTL4	Analyze
13.b	How to draw Green ICT—Business and Economic Trends? Explain.	09		
14.	Developed Economies and Developing Economies (BRIC) Comparison along Four Dimensions.	13	BTL4	Analyze
15.	Explain about Green IT ethics and code of conduct	13	BTL2	Understand
16.	Write about emergent carbon issues?	13	BTL5	Evaluate
17.	Illustrate in detail about Socio-cultural aspects of Green IT?	13		Apply
	PART-C			

1.a	Consider the Green HR and Changing Organizational Structures Explain and detail notes. a. Organizing the green HR function. b. Potential mapping of green skills to SFIA levels. c. SFIA Skill Set and Green Roles.	10	BTL5	Evaluate
1.b	Explain and give the Green Virtual Communities.	05		
2.	Assess audits reveal green sophistication of an organization before and after transformation and An integrated model for auditing Green IT systems.		BTL6	Create
3.	Design the areas of Cloud computing that have the potential for reducing the overall carbon emissions across the industry. Then it obtains the details of the Emerging technologies landscape and Green IT impact and SaaS and cloud computing in Green ICT strategies with neat sketch.		BTL6	Create
4.	Discuss about Collaborative Environmental Intelligence and specific topics of interest and future investigations in relations with collaborative EI.		BTL5	Evaluate
5.	Explain about the four dimensions of GET?	15	BTL5	Evaluate

	UNIT V CASE STUDIES				
The Environmentally Responsible Business Strategies (ERBS) –Case Study Scenarios for Trial Runs					
	- calculating the carbon footprint - greening mobile devices - CASE STUDIES - Applying Green IT				
	Strategies and Applications to a Home, Hospital, Packaging Industry and Telecom Sector				
1.	List out the understanding current business scenario in your organization.	BTL1	Remember		
2.	Describe the term defined by your organization to adopt Green policies.	BTL2	Understand		
3.	Give the ICT practices have been adopted by your organization.	BTL2	Understand		
4.	Illustrate the practices regarding energy saving data centers and equipments.	BTL3	Apply		
5.	Define the term Compliance audits.	BTL1	Remember		
6.	Summarize the basic activities are performed in strategic measures for reducing emissions.	BTL5	Evaluate		
7.	Define business strategy.	BTL1	Remember		
8.	List of the noteworthy findings from the preliminary Green IT audit of GoodMead hospital.	BTL5	Evaluate		
9.	Give the result of the initial green IT audit undertaken by the bank.	BTL2	Understand		
10.	What are the strengths identified in SWOT analysis.	BTL1	Remember		
11.	Illustrate the elements of green Trasformation	BTL3	Apply		
12.	List out the strength that are identified in AuPack.	BTL1	Remember		
13.	Analyze about SWOT.	BTL4	Analyze		
14.	Analyze the important objectives of GoodMead in undertaking the GET.	BTL4	Analyze		
15.	What are the steps in developing a hospital's ERBS? Illustrate it.	BTL3	Apply		

16.	Generalize the concepts AuPack.	BTL6	Create
17.	Give the strategic approach by the CGO.	BTL2	Understand
18.	Comparison strength and weakness of SWOT for ZeeTel telecom.	BTL4	Analyze
19.	What is TCCO?	BTL6	Create
20.	List out the Data Center Changes in GET.	BTL1	Remember
21.	Give the weakness of Green IT.	BTL2	Understand
22.	Analyze the Scenario of Zeetel Telecom Service	BTL4	Analyze
23.	List the strategic measures for reducing emissions.	BTL5	Evaluate
24.	Construct the steps to develop hospital ERBs.	BTL3	Apply

	PART-B			
1.	Explain the Strategic Measures for Reducing Emissions and Demographic Information for research project Survey.	13	BTL5	Evaluate
2.	Describe the respondent demographics.	13	BTL2	Understand
3.	Explain the Business and Strategy Planning with Respect to the Environment and Technical Strategy and Planning.	13	BTL4	Analyze
4.	Describe the different types of the Result of the Initial Green IT Audit Undertaken by the Bank.	13	BTL2	Understand
5.a	List the guidelines for Case Study Scenarios for Trial Runs.	07		
5.b	Explain in detail on Environmentally Responsible Business Strategies (ERBS) Research Project Survey.	06	BTL1	Remember
6.	Illustrate the concepts of Bluewaters Travel Agency Carbon Scenario and OpenAir Airline Carbon Scenario.	13	BTL3	Apply
7.a	Sketch the guidelines for Preliminary Green Investigation .	07	BTL3	Apply
7.b	Describes the Green business objectives of a hospital	06		
8.a	Design the Strategic Concerns of Management?	07	DTI 1	Damanhan
8.b	List out the steps are Steps in Developing a Hospital's ERBS?	06	BTL1	Remember
9.a	Describe - Green Transformational Elements.	05	BTL1	Remember
9.b	Describe - The Green Transformation Project	08		
10.	Generalize how Green IT can be applied to a product-type company in the manufacturing sector.	13	BTL6	Create
11.	Why AuPack strategic approach and Diagnosis in AuPack?	13	BTL1	Remember
12.	Summarize the Applying Mobile Technologies in GET	13	BTL2	Understand
13.a	Point out the features of Technical Dimension in AuPack.	05	DEL 4	A 1
13.b	Explain about the Enacting GET for ZeeTel.	08	$\frac{1}{08}$ BTL4	Analyze
14.	Analyze about the Green IT challenges of an infrastructure-type company in the telecommunications domain.	13	BTL4	Analyze
15.	Write in detail about ERBS with a case study scenario?	13	BTL2	Understand

16.	Explain AuPack Scenario, strategic approach and SWOT in Green IT?	13	BTL3	Apply
17.	Briefly explain about the application to a home in Green IT Strategies?	13	BTL5	Evaluate
	PART C			
1.	Explain with Suggest a crucial/critical action that could be taken by your organization to use renewable (Green) energy? What are the problems faced by an organization in collecting and validating environmental data (please include comments on methods, technologies, regulators, agencies, and business partners)?	15	BTL5	Evaluate
2.	Predict the crucial reasons why a business like yours should adopt environmentally responsible business strategies. How do you believe emerging technologies (such as mobile, Web x.0, Cloud computing) should be incorporated in business to help to reduce the carbon footprint?	15	BTL 6	Create
3.	Develop the SWOT of GoodMead Hospital, Strategic Concerns of Management and Lessons Learned in Implementing Green IT Strategies.		BTL 6	Create
4.	Develop Case Study in Applying Green IT Strategies and Applications to the Telecom Sector	15	BTL 6	Create
5.	Discuss in detail about the steps in developing a hospital ERBS?	15	BTL5	Evaluate