

**Department of Computer Science and Engineering****CS8078 – Green Computing****Unit I - MCQ Bank**

1. \_\_\_\_\_ is the practice of environmentally sustainable computing.

A) Green IT Strategies

B) Business IT

C) Green computing

D) Green Assets

Answer: A

2. A \_\_\_\_\_ is the total greenhouse gas emissions caused by an individual, event, Organization, service, or product, expressed as carbon dioxide equivalent.

A) Nanocarbons

B) Carbon monoxide (CO)

C) Carbon foot print

D) Glassy carbon

Answer: C

3. The economic system in which business units or factors of production are privately owned and governed is called as \_\_\_\_\_

A) Capitalism

B) Socialism

C) Democratic

D) Republic

Answer: A

4. Self fulfillment and immediate gratification are\_\_\_\_\_ cultural values.

A) Decreases

**B) Rises**

C) Diminishes

D) Corporte

Answer: B

5. When was green computing invented \_\_\_\_\_

A) 1990

B) 1991

**C) 1992**

D) 1993

Answer: C

6. Purchasing from Environmentally Committed Companies and Participating in Electronic Recycling Programs are the examples of\_\_\_\_\_

A) Green IT

**B) Green Computing**

C) Green Technology

D) Green Business

Answer: B

7. What major issue separates the computing haves from the have-nots?

A) Green Computing

**B) The Digital Divide**

C) Environment Responsible Business

D) Business IT

Answer: B

8. \_\_\_\_\_ and \_\_\_\_\_ are two major techniques involved in green computing.

- A) Energy-Analysis, e-waste
- B) Energy-Management, e-waste
- C) Energy-Forecasting, e-waste
- D) Energy-efficiency, e-waste

Answer: D

9. Which one of the following is not a 'renewable' energy source?

- A) Solar
- B) Coal
- C) Wave
- D) Wind

Answer: B

10. Which one of the following gases is not included in the category 'greenhouse gases'?

- A) Methane
- B) Hydrogen
- C) Carbon dioxide
- D) Nitrous oxide

Answer: B

11. The ecological footprint measures \_\_\_\_\_

- A) How much of the planet Earth we have uncovered
- B) Human demand on nature, i.e., the quantity of nature it takes to support people or an economy
- C) The biologically productive area needed to provide for everything a family uses
- D) A hate-crime against those wishing to indulge in retail therapy

Answer: B

12. Climate Savers Computing Initiative was created by which technology leaders?

- A) Microsoft, Apple
- B) Apple, Intel
- C) Intel, Google
- D) Google, Microsoft

Answer: C

13. \_\_\_\_\_ is a measure of carbon dioxide emission in environment by the data center

- A) Carbon Usage Effectiveness (CUE)
- B) Carbon Power Effectiveness (CPE)
- C) Carbon Emission Effectiveness (CEE)
- D) Carbon Discharge Effectiveness (CDE)

Answer: A

14. \_\_\_\_\_ is the maximum amount of power which a computer chip can take when running areal application

- A) Thermal Reuse Power
- B) Thermal Design Power
- C) Thermal Usage Power
- D) Thermal Effective Power

Answer: B

15. \_\_\_\_\_ centers referred energy aware, CO2 emission and energy efficient minimize design, devices and protocol also algorithms of data centers

- A) Green IT centers
- B) Business data centers
- C) Green data centers
- D) Data Management centers

Answer: A

16. The average laptop uses only half as much energy as a desktop PC

A) True

B) False

Answer: B

17. Using a screensaver conserves energy when your computer is idle

A) True

B) False

Answer: B

18. What happens to old computers when they die?

A) Less than half end up in substandard facilities with toxic components (like lead) polluting the environment

B) Over half end up in substandard facilities with toxic components (like lead) polluting the environment

C) Most die without leaving a will so their heirs get stuck in probate.

D) Look for a recycling centre and dispose of it properly

Answer: B

19. Which operating system is the most green?

A) Linux

B) Microsoft windows

C) Apple's iOS

D) Android

Answer: A

20. Which materials can be extracted from alkaline batteries and used in the creation of new ones?

- A) Lithium and carbon
- B) Lead and lye
- C) Steel and cadmium
- D) Steel and zinc**

Answer: D

21. Which of the following is the largest sink for carbon dioxide gas? a) Forests

- b) Oceans**
- c) Ice sheets
- d) Grasslands

Answer: B

22. Which is the most abundant greenhouse gas in the atmosphere?

- a) Carbon dioxide
- b) Water vapour**
- c) Methane
- d) Nitrogen

Answer: B

23. What does the phrase “anthropogenic CO2 emissions” mean?

- a) Human made CO2 emissions**
- b) Industrial CO2 emissions
- c) Natural CO2 emissions
- d) All of the mentioned

Answer: A

24. By how much has atmospheric carbon dioxide concentration increased ever since the Industrial Revolution?

- a) 20%
- b) 10%
- c) 40%**
- d) 60%

Answer: C

25. Clouds help in cooling down the planet and do not contribute to greenhouse effect.

- a) True
- b) False**

Answer: B

26. Which of the following radiations of the sun do greenhouse gases trap?

- a) Visible radiations
- b) Infrared radiations**
- c) UV radiations
- d) All the radiations

Answer: B

27. What does GWP in the context of greenhouse gases indicate?

- a) Global Warming Parameters
- b) Gradual Warming Pattern
- c) Global Warming Patterns
- d) Global Warming Potential**

Answer: D

28. The Greenhouse Effect

- a) is the decrease in the surface temperature on Earth

b) is the rise in the surface temperature on Earth

c) is caused by the oxygen shortage

d) None of the above

Answer: B

29. Which of the following contributes least to your carbon footprint?

a) Riding a bike to college

b) Driving a car to the shops

c) Taking a plane

d) Both A and B

Answer: a

30. Reusing or recycling old items instead of buying new ones helps shrink your carbon footprint by...

a. Eliminating the need for new packaging to be created

b. Cutting out the CO<sub>2</sub> released when transporting new products to the store

c. Making sure you don't buy more than you need

d. All of the above

Answer: D



**Department of Computer Science and Engineering****CS8078 – Green Computing****Unit II - MCQ Bank**

1. \_\_\_\_\_ anything that has social, environmental and/or economic value that is owned by an individual, business, family or community.

a. Green Computing

**b. Green Assets**

c. Green Policy

d. Green IT

Answer: B

2. A green data center is a server facility which utilizes energy efficient technologies.

**a. True**

b. False

Answer: A

3. Green BPM deals with the overall management of all \_\_\_\_\_ and \_\_\_\_\_ process of an organization from a green perspective.

**a. Internal and External**

b. External and Internal

c. Includes and Excludes

d. None of the above

Answer: A

4. A Green assets and infrastructure comprise substantial part of that

**a. long-term approach**

- b. short term approach
- c. both a and b
- d. none of the above

Answer: A

5. \_\_\_\_\_ deals with the green credentials of the asset in terms of its design and development.

- a. Operate
- b. Establish**
- c. Dispose
- d. None of the above

Answer: B

6. Building and facilities impact the long term strategic approach to

- a. carbon reduction**
- b. carbon emission
- c. carbon cost
- d. carbon footprint

Answer: A

7. A data center buildings are specialized buildings to hold the large computing and communications equipments of the organization.

- a. False
- b. True**

Answer: B

8. BPM is a well-established industry practice encompassing, reengineering, and optimization of processes, and the measuring, merging, and elimination of business processes.

- a. process modelling**
- b. reverse modeling

c. reverse process

d. modeling

Answer: A

9. \_\_\_\_ includes tools for process modeling and many of the process-enabling technologies such as business rules, policies, and metrics.

a. Green ICT

b. Green IT

c. Green Computing

d. Green Policy

Answer: A

10. BPM can be understood as a undisciplined of modeling, realizing, executing, monitoring, and optimizing business processes.

a. True

b. False

Answer: B

11. MSCM can also use \_\_\_\_ to improve material handling in distribution logistics.

a. RFID

b. BPM

c. GIS

d. MSCM

Answer: A

12. Mobile supply chain management (MSCM) can bring together, dynamically, factors such as number, location, and size of warehouses.

a. RFID

b. BPM

c. GIS

d. MSCM

Answer: D

13. A GIS (or a CEMS or EIS) is a software system that provides support to the business to implement its\_\_\_\_\_

a. ERBS

b. ERAS

c. ERDS

d. ERRS

Answer: A

14. GIS system is the software with the functions for measuring, monitoring, and performance checking of the various emissions.

a. True

b. False

Answer: A

15. \_\_\_\_\_ further enhances this data capture ability and makes it real time.

a. Mobility

b. Mobile-Broadcast

c. Mobile-Informative

d. Mobile-Operative

Answer: A

16. GIS also provides feedback to customers and other \_\_\_\_\_ of the business on its environmental performance.

- a. external users
- b. internal users
- c. Both a & b
- d. none of these

Answer: A

17. UML has been used in presenting the models of the GIS.

- a. True
- b. False

Answer: A

18. \_\_\_\_\_ Used to create and model subsystems.

- a. Package diagram
- b. Use case Diagram
- c. Sequence Diagram
- d. State machine Diagram.

Answer: A

19. \_\_\_\_\_ Used to show functionalities and business processes from a user's point of view.

- a. Package diagram
- b. Use case Diagram
- c. Sequence Diagram
- d. State machine Diagram.

Answer: B

20. A comprehensive GE A encompasses an understanding of the various views of the organization and its interrelationships.

a. True

b. False

Answer: A

21. \_\_\_\_ deals with carbon data, storage, transmission, and its interfaces with other data.

a. Green security

b. Green IT

c. Green Policy

d. Green computing

Answer: A

22. Green recycling and e-waste management requirements that deal with the one-off disposal of assets.

a. False

b. True

Answer: B

23. \_\_\_\_ is made up of data that belong to each of the four groups of systems.

a. Green network

b. Data repository

c. Green system

d. Green data center

Answer: B

24. Green metrics and measurement do not requirements that specify the elements to measure and report.

a. False

b. True

Answer: A

25. \_\_\_\_\_ requirements that are specifying the technologies that are needed to handle the Green IT initiative.

- a. Green network
- b. Data repository
- c. Green technical
- d. Green data center

Answer: C

26. Which of the following is not the purpose of a green building?

- a) To reduce use of water
- b) To minimize damage of the environment
- c) Re-use of waste materials
- d) None of the above

Answer: D

27. Which of the following is not an economic benefit for a green building?

- a) 20 – 30 % energy used
- b) 20 – 30 % less water used
- c) Enhance asset value
- d) None of the above

Answer: D

28. The word Grid in Grid Computing comes from an analogy to the \_\_\_\_\_ Power Grid.

- a) electrical
- b) physical
- c) Analysis
- d) Logical

Answer: A

29. The primary advantage of \_\_\_\_\_ computing is that each node can be purchased as commodity hardware, which when combined can produce similar computing resources to a multiprocessor supercomputer, but at a lower cost.

a) distributed

b) grid

c) cloud

d) green

Answer: A

30. The resource sharing problem dominated the grid computing, it starts from simple file transfer to the complex problems in a grid \_\_\_\_\_ environment.

a) terms

b) Policies

c) Both A and B

d) None of the above

Answer: B



**Department of Computer Science and Engineering****CS8078 – Green Computing****Unit III - MCQ Bank**

1. Creating more logical IT resources, within one physical system is called \_\_\_\_\_.

(A) Load balancing

(B) Hypervisor

(C) Virtualization

(D) None of these

Answer : C

2. What is most commonly used for managing the resources for every virtual system?

(A) Load balancer

(B) Hypervisor

(C) Router

(D) Cloud

Answer : B

3. Which is not a benefit of virtualization?

(A) Flexible and efficient allocation of resources

(B) Lowers the cost of IT infrastructure

(C) Remote access and rapid scalability

(D) Run on single operating system

Answer : D

4. It helps a user to have remote access to an application from a server.

(A) Application virtualization

(B) Network virtualization

(C) Desktop virtualization

(D) Storage virtualization

Answer : A

5. It is an array of servers that are managed by a virtual storage system.

(A) Application virtualization

(B) Network virtualization

(C) Desktop virtualization

(D) Storage virtualization

Answer : D

6. It has the ability to run multiple virtual networks with each has a separate control and data plan.

(A) Application virtualization

(B) Network virtualization

(C) Desktop virtualization

(D) Storage virtualization

Answer : B

7. Identify the correct option: The main benefits of it are user mobility, portability, and easy management of software installation, updates, and patches.

(A) Application virtualization

(B) Network virtualization

(C) Desktop virtualization

(D) Storage virtualization

Answer : C

8. Which is the correct type of full virtualization?

- (A) Software assisted
- (B) IoT assisted
- (C) Hardware-assisted
- (D) Software assisted and Hardware-assisted both

Answer : D

9. Identify virtualizations: It emulates the hardware using the software instruction sets.

- (A) Software assisted full virtualizations
- (B) IoT assisted full virtualizations
- (C) Hardware-assisted full virtualizations
- (D) None of these

Answer : A

10. Identify virtualizations: Due to binary translation, it often criticized for performance issues.

- (A) Software assisted full virtualizations
- (B) IoT assisted full virtualizations
- (C) Hardware-assisted full virtualizations
- (D) None of these

Answer : A

11. Recycling reduces

- (A) energy usage
- (B) air pollution
- (C) water pollution
- (D) all of the above

Answer : D

**12.** The international recycling logo consists of \_\_\_\_ chasing arrows.

- (A) two
- (B) three**
- (C) four
- (D) five

Answer : B

**13.** Recycle is \_\_\_\_ component of waste hierarchy.

- (A) first
- (B) second
- (C) third**
- (D) fourth

Answer : C

**14.** Following ISO standard is for environmental management control of recycling practice.

- (A) 14001:2012
- (B) 14001:2013
- (C) 14001:2014**
- (D) 14001:2015

Answer : C

**15.** Which of the following legislative option(s) has (have) used to create stable supply?

- (A) mandatory recycling collection
- (B) container deposit legislation
- (C) refuse bans**
- (D) all of the above

Answer : C

**16.** Container deposit legislation involves

- (A) imposing fine for not returning the container
- (B) offering a refund for the return of certain containers
- (C) crushing the container after use
- (D) none of the above

Answer : C

**17.** The raw material that is sent to, and processed in a waste recycling plant or materials recovery facility which will be used to form new products

- (A) Recyclate
- (B) Recycling material
- (C) recycled material
- (D) none of the above

Answer : A

**18.** Following material has highest recyclate quality

- (A) paper
- (B) plastic
- (C) steel
- (D) oil

Answer : C

**19.** Following is (are) the system(s) to collect recyclates from the general waste stream.

- (A) Curbside collection
- (B) buy back centers
- (C) drop-off centers
- (D) all of the above

Answer : C

20. Plastic Pyrolysis can convert petroleum based streams such as plastics into

- (A) fuels
- (B) carbons
- (C) both (A) and (B)
- (D) wax

Answer : C

21. Which public cloud provider has announced green data center initiatives?

Cisco Systems

- (A) IBM
- (B) HP
- (C) All of the above
- (D) Answer : D

22. True or False? Using water to cool a data center can harm the local environment.

- (A) True
- (B) False

Answer : A

23. True or False? Packing more virtual machines (VMs) onto fewer physical servers can slash your electricity bill.

- (A) True
- (B) False

Answer : B

24. What is the first step in data center energy-efficiency planning?

- (A). Cut reliance on nuclear power
- (B). Cut reliance on coal
- (C). Evaluate current data center energy usage

(D).Eliminate the need for a central, uninterruptible power supply

Answer : C

25. How can you lower data center cooling costs in an energy-efficient way?

(A).Deploy fewer VMs

(B).Build servers that run at lower temperatures

(C).Build servers that run at higher temperatures

(D).Use water to cool your data center

Answer : C

26. Where are the biggest energy savings in the cloud?

(A).Deploying virtualization

(B).Improving application delivery

(C).Upgrading storage

(D).Optimizing cooling systems

Answer : D

27. True or false? To make an efficient cloud, all servers in the cloud resource pool should be compatible.

(A).True

(B).False

Answer : A

28. The word Grid in Grid Computing comes from an analogy to the \_\_\_\_\_ Power Grid.

A).Electrical

B).Mechanical

C).Electro Mechanical

D).None of above

Answer:A

29. \_\_\_\_\_ defines the Grid as “a service for sharing computer power and data storage capacity over the Internet.”

A) CERN

B) CREN

C) CENN

D) CERR

ANSWER : A

30. Grid Computing originated in the early \_\_\_\_\_ as a metaphor for making computer power as easy to access as an electric power Grid.

A) 1990s

B) 1980s

C) 1970s

D) 1950s

Answer : A



**Department of Computer Science and Engineering****CS8078 – Green Computing****Unit IV - MCQ Bank**

1. The value-action gap refers to \_\_\_\_\_.
- a. the space that occurs when the values (personal and cultural) or attitudes of an individual do not correlate to his or her actions
  - b. the space that diminishes when the values (personal and cultural) or attitudes of an individual mirror his or her actions
  - c. the opportunity cost of lost value when making decisions
  - d. none of the above

Answer: A

2. The primary driver behind many ecological and even societal threats is \_\_\_\_\_.
- a. out-of-control politicians
  - b. human population growth
  - c. CO2 emissions

Answer: B

3. Overall, environmentalism advocates \_\_\_\_\_.
- a. the removal of diesel vehicles from our roads
  - b. the preservation, restoration and/or improvement of the natural environment
  - c. encouraging local councils to build more cycle lanes as alternative means of transportation

Answer: B

4. People who green wash are \_\_\_\_\_.

- a. using a form of spin in which green PR or green marketing is deceptively used to promote the perception that an organization's products, aims or policies are environmentally friendly
- b. using a form of spin in which the colour green is used in all marketing communications activity to promote the perception that an organization's products, aims or policies are environmentally friendly
- c. using green PR or green marketing to guarantee that an organization's products, aims or policies are environmentally friendly

Answer: A

5. Anti-consumerism is \_\_\_\_\_.

- a. a hate-crime against those wishing to indulge in retail therapy
- b. an international treaty designed to continue with (and in some cases bring back) a ban on Sunday trading
- c. a socio-political ideology that is opposed to consumerism, the continual buying and consuming of material possessions

Answer: C

6. The ecological footprint measures \_\_\_\_\_.

- a. how much of the planet Earth we have uncovered
- b. human demand on nature, i.e., the quantity of nature it takes to support people or an economy
- c. the biologically productive area needed to provide for everything a family uses

Answer: B

6. Which is TRUE about hyper-consumption?

- a. It is the consumption of goods for non-functional purposes and the associated significant pressure to consume those goods exerted by the modern, capitalist society, as those goods shape one's identity.
- b. It is the official name for what is colloquially known as Black Friday.
- c. Hypermarkets first instigated the notion of hyper-consumption.

Answer: A

7. Which is TRUE?

- a. Ecological modernization is a school of thought in the social sciences that argues that the economy benefits from moves towards environmentalism.
- b. Ecological modernization is a school of thought in which ecologists argue for cleaner air and thus less air pollution.
- c. Ecological modernization is a school of thought in engineering that argues that the societal benefits of cleaner fuel are greater than the cost of introducing such modernization.
- d. None of the above

Answer: A

8. Which one of the following characteristics is widely regarded as being an important aspect of sustainable development?

- a. Inter-generational equity
- b. Increasing consumption expenditure
- c. Intra-generational inequity
- d. Increased levels of saving

Answer: A

9. A "green transport plan" is:

- a. An environmentally acceptable travel plan devised by a local authority for its area
- b. An internationally agreed strategy for reducing the impact of international transport activity on the global environment.
- c. A plan devised by a company or organisation to reduce the environmental impact of the transport demands generated by itself and its employees
- d. The UK government's plan for a sustainable transport sector

Answer: C

10. Food, space, disease, natural disasters, climate, competition and predation are examples of what?

- a. Capacity Factors
- b. Limiting Factors
- c. Predation Factors
- d. Sustainable Factors

Answer: C

11. Sustainable Development focuses on more use of:

- a. Renewable resources
- b. Abiotic resources
- c. Agricultural resources
- d. Natural resources

Answer: A

12. Which of the following perspectives takes the strongest stance in support of sustainability?

- a. Communalist
- b. Free market
- c. Deep ecology
- d. Cornucopian

e. Accommodating

Answer: C

13. Social, economic and ecological equity is the necessary condition for achieving

- a. Social development
- b. Economic development
- c. Sustainable development
- d. Ecological development

Answer: D

14. As per the Basel Convention 'waste' include all substances that

- a. have no longer any use for people
- b. are either discarded or intended to be discarded
- c. are need to be disposed
- d. All of the above

Answer: D

15. The sum of all emissions of carbon dioxide which were included by an entity's activities in a given timeframe is called

- a. Carbon Footprint
- b. Carbon Intensity
- c. Carbon Sinks
- d. None of the above

Answer: A

16. 'Carbon Intensity' denotes which of the following

- a. the amount of greenhouse gas emissions produced to support human activities
- b. the linkage of carbon footprint with economic growth and implies growth with equity
- c. certified emission reductions

d. none of the above

Answer: B

17. 'Adaptation' and 'Migration' are associated with

- a. Water Pollution
- b. Global warming
- c. Sustainable Forest Management
- d. none of the above

Answer: B

18. Carbon Dioxide Equivalent is

- a. The emission of a gas, by weight, multiplied by its 'global warming potential'
- b. How much global warming, a greenhouse gas may cause, using carbon dioxide as the base unit
- c. Both a and B
- d. none of the above

Answer: C

19. Consider the following statement and find out the incorrect one

- a. MITIGATION tackles the cause of climate change
- b. ADAPTATION seeks to tackle the impacts of climate change
- c. sustainable development refers to non-declining human wellbeing over time
- d. India had ratified the London convention dealing with prevention of marine pollution by dumping wastes

Answer: D

20. Greenhouse gases are those that absorb and emit infrared radiation. Examples include

a. Nitrogen

**b. Ozone**

c. Argon

d. None of the above

Answer: B

21. Depletion of the ozone layer is damaging to human health. Negative effects include

**a. Skin cancers**

b. Osteoporosis

c. Dyspepsia

d. None of the above

Answer: A

22. \_\_\_\_\_ is an organism used to gauge the quality of an ecosystem.

a. Decomposers

b. Predator

c. Bio-remediator

**d. Bioindicator**

Answer: D

23. \_\_\_\_\_ is a waste disposal method where solid organic wastes are converted to the residue and gaseous products through combustion.

a. Incarnation

**b. Incineration**

c. Incarceration

d. Incubation

Answer: B

24. This factor contributes to the carbon cycle

- a. fossil fuel combustion
- b. respiration
- c. photosynthesis
- d. all of these

Answer: D

25. The source of carbon to plants in the carbon cycle is

- a. fossil fuels
- b. carbonate rocks
- c. atmospheric carbon dioxide
- d. all of the above

Answer: C

26. The role of bacteria in the carbon cycle is

- a. Breakdown of organic compounds
- b. Chemosynthesis
- c. Photosynthesis
- d. Assimilation of nitrogen compounds

Answer: D

27. Most of the global warming is due to the perturbation of which of these cycles?

- a. Global nitrogen cycle
- b. Global carbon cycle
- c. Global water cycle
- d. All of these cycles equally contribute

Answer: B



**28.** This carbon isotope is radioactive and very rare

- a. Carbon – 11
- b. Carbon – 12
- c. Carbon – 13
- d. Carbon – 14**

Answer: D

**29.** By this method, the majority of carbon moves from the lithosphere to the atmosphere

- a. erosion
- b. deposition**
- c. weathering
- d. fossil fuel burning

Answer: B

**30.** These entities sequester most carbon from the atmosphere

- a. Plants**
- b. Archaea
- c. Bacteria
- d. Insects

Answer: A

**Department of Computer Science and Engineering****CS8078 – Green Computing****Unit IV - MCQ Bank**

1. An organization is supported with sophisticated suite of \_\_\_\_\_ software.
  - a. **enterprise resource planning (ERP)**
  - b. resource planning
  - c. enterprise
  - d. none of the above

Answer: a

2. A bank has recently appointed a chief green officer also called \_\_\_\_
  - a. **chief sustainability officer**
  - b. chief sophisticated officer
  - c. chief green manager
  - d. none of the above

Answer: a

3. New bank plans to grow through acquisition. A well-known home loans vendor is in the process of being \_\_\_\_
  - a. **Acquired**
  - b. Planned
  - c. Sustained
  - d. completed

Answer: a

4. An acquisitions are not evaluated for their carbon footprint at all.

**True**   b. False

Answer: a

5. An senior management of the bank is keen to incorporate\_\_\_as an integral part of its business strategy.

- a. **Green IT**
- b. Green Policy
- c. Green Computing
- d. None of the above

Answer: a

6. The leaders of the bank believe, will be possible by

- a. undertaking a trans\_formation of the bank to a Green bank
- b. putting in place environmental strategies that align closely with the bank's business strategy.
- c. **Both a and b**
- d. None of the above

Answer: c

7. Economic viability of Open Air is no longer independent of its carbon footprint.

- a. True**   b. False

Answer: a

8. Need for sophisticated IT systems on the rise, especially in supporting the growth in passenger travels, especially in the \_\_\_\_.

- a. Business market
- b. **Business methodology**

- c. Business market and methodology
- d. None of the above

Answer: b

9. \_\_\_\_ is a small to medium travel agency operating out of New York. A company has an excellent, elite client base.

- a. Blue waters
- b. BlueBrain
- c. Both a and b
- d. None of the above

Answer : a

10. A company is \_\_\_\_\_ single-owner enterprise with approximately 25 employees.

- a. well-controlled and well-managed
- b. well controlled
- c. well managed
- d. none of the above

Answer: a

11. A data collected through this survey will be analysed and processed for the development and validation of a model for \_\_\_\_

- a. Environmentally Responsible Business Strategy (ERBS)
- b. Responsible Business Strategy
- c. None of the above

Answer: a

12. This survey respects the privacy of the individuals and the \_\_\_\_ of the organization.

- a. confidentiality
- b. integrity
- c. both a and b
- d. none of the above

Answer: a

13. Do you print your papers, assignments, notes, etc. using:

- a. Double sided paper
- b. Single Sided paper
- c. I do not print my notes

Answer: a

14. Do you know where to change printer settings in order to set it to single sided or double sided printing options?

- a. Yes
- b. no
- c. I did not know there was a choice

Answer: a

15. Which operating system is the most green?

- a. Windows Vista
- b. Windows XP
- c. Linux (Because Linux users replace their computers less often, and because Linux requires less energy)
- d. Apple's OS X

Answer: C

16. How do you dispose of your old computers or electronic devices?

- a. Throw them in the trash
- b. Always sold them away (never disposed of it yourself)
- c. Look for a recycling centre and dispose of it properly.

Answer: C

17. What happens to old computers when they die?

- a. Less than half end up in substandard facilities with toxic components (like lead) polluting the environment
- b. Over half end up in substandard facilities with toxic components (like lead) polluting the environment.
- c. Most die without leaving a will so their heirs get stuck in probate.

Answer: b

18. The average laptop uses only half as much energy as a desktop PC.

- a. True
- b. False

Answer: b

19. Using a screensaver conserves energy when your computer is idle.

- a. True
- b. False

Answer: b

20. Green computing equipment is so expensive that small businesses cannot afford it.

- a. True
- b. False

Answer: b

21) EPR Stands for

- a)Electronic Patient Registry
- b)Electronic Patient Record**
- c)Electrical Patient Record
- d)Electrical Patient Registry

Answer:b

22) Initial opinion of the auditors and that of the tentatively appointed chief green officer was that -----was possible in all these areas of the hospital that will reduce its carbon footprint.

- a)Optimization
- b) Significant optimization**
- c) Performance optimization
- d) Global Optimization

Answer:b

23) -----and ----- is top priority and is not to be compromised under any circumstances.

- a)security & privacy
- b)prevention & protection
- c) data record & security
- d) Security of access and privacy of patient's data.**

Answer:d

24) What is the strength of GoodMead Hospital

- a) Well-known public sector hospital.
- b) Financially well supported by government
- c)Both a and b**
- d)none of these

Answer:C

25) -----technology can reduce carbon throughout the physician's work and social processes.

- a) Mobile
- b) communication
- c) medical**
- d) information

Answer: c

26) Which is keen to move forward in the area of Green IT.

- a) Hupack
- b) Au pack**
- c) box pack
- d) cover pack

Answer: b

27) CEMS stand for

- a) Commission Election management system
- b) Carbon Emission Management Software
- c) Carbon Election measuring system
- d) Commission element in management system**

Ans: d

28) ZeeTel's Green IT strategies

- a) 5
- b) 2
- c) 4
- d) 3**

Answer: d



29)What are the Strengths of SWOT of ZeeTel—Environmental Context

- a) Government
- b)Supported
- c)Excellent Channel
- d)All above

Answer:d

30)What are the threats of SWOT of ZeeTel-Environment Context

- a) Resistance to Change
- b) Long time for Visible Results
- c) Combining Business with Green
- d) both a and b.

Answer :d