

170522

VCD : __ CLASS : FYIT SUBJECT : Green Computing HOUR: 2 1/2 MARKS: 75

NOTE : All questions are compulsory.

Figures to the right indicate marks

Mixing of sub-questions is not allowed

Assume suitable data if necessary and state is clearly.

Q.1 Attempt the following:

[40 Marks]

1. Adopting a green infrastructure can cost more ____
 - a. Man power
 - b. Money
 - c. Resources
 - d. Time
2. ____ toxin is present in the cathode ray tube and solder.
 - a. Arsenic
 - b. Cadmium
 - c. Lead
 - d. Chromium
3. ____ is present in switches and the housing.
 - a. Arsenic
 - b. Cobalt
 - c. Lead
 - d. Mercury
4. ____ are prime objective of StEP's.
 - a. Closing material loops
 - b. Developing clear policy recommendations
 - c. Reducing contamination
 - d. All of these
5. ____ is a huge issue for businesses.
 - a. Resources
 - b. Power
 - c. Employees
 - d. Data
6. SAN stands for ____.
 - a. Storage Area Network
 - b. Storage Access Network
 - c. Storage Asymmetric Network
 - d. None of these
7. ____ panels absorb solar radiation..
 - a. Photovoltaic
 - b. Photocable
 - c. Pohotosolar
 - d. None of these
8. ____ is a system that employs hundreds or thousands of hard drives for near-line data storage.
 - a. MAID
 - b. MOOC
 - c. RAID
 - d. Green Drive
9. VOC stands for ____
 - a. Volcano organic Compound
 - b. Volatile organic compounds
 - c. Volatile Organic Compressor
 - d. Volatile Organizer Compound
10. LEED stands for ____
 - a. Leader In Electronic and Efficient Design
 - b. Leader In Electronic and Energy Design
 - c. Leader in Energy and Electronic Design
 - d. Leadership in Energy and Environmental Design

11. Paperless means _____
 a. no paper at all b. less paper
 c. reduce paper size d. shrink paper
12. Community Server and DotNetNuke are well known _____.
 a. CMS b. MMS
 c. SMS d. GSM
13. In general, laptops need less than _____ as much energy to operate as desktop PCs and monitors.
 a. ten percent b. one third
 c. half d. a fourth
14. _____ is not certification level.
 a. Bronze b. Silver
 c. Gold d. Metal
15. _____ program or an operating system feature allows user to connect to a computer in another location.
 a. Remote Desktop b. Intranet
 c. EDI d. E-Commerce
16. Installing software on a centralized server and sending it to users as needed is called _____.
 a. Application swapping b. Application sending
 c. Application migration d. Application streaming
17. CGO means _____.
 a. Chief Green Officer b. Chip Green Officer
 c. Chief Green Operator d. Chief Green Organisation
18. _____ operating system is the most green.
 a. Windows Vista b. Windows XP
 c. Linux d. Apple's OS
19. _____ is an acronym for PUE.
 a. Power Usage Effectiveness b. Power Undetected Efficiency
 c. Powered Universal Energy d. Process and Underwriters Energy Benchmark
20. SMART Goals: Specific, Measurable, Attainable, _____, Timely
 a. Randomly b. Real
 c. Realistic d. Rotation

Q.2 Attempt the following:

A. Solve any ONE

[04 Marks]

1. Explain the term Toxin?
2. What is StEP? Give its principle.

B. Solve any ONE

[03 Marks]

1. What is the goal of ReCycle task force?
2. Write a short note on BAN

Q.3 Attempt the following:

A. Solve any ONE

[04 Marks]

1. Write a note on MAID.
2. Explain Water-side economizer.

B. Solve any ONE

[03 Marks]

1. Write a note on Data De-duplication.
2. Give some tips to keep humidity at right level of data center.

Q.4 Attempt the following:

A. Solve any ONE

[04 Marks]

1. Give the guidelines to control usage of water.
2. Why PDF is considered to be the best option for storing digital document?

B. Solve any ONE

[03 Marks]

1. Write a note on Telecommuting
2. What care should be taken once decided to go paperless?

Q.5 Attempt the following:

A. Solve any ONE

[04 Marks]

1. Describe System Development Life Cycle.
2. Write a note on EPEAT.

B. Solve any ONE

[03 Marks]

1. Enlist the benefits of Leasing.
2. Give pros and cons of Mechanical Shredding.

Q.6 Attempt the following:

A. Solve any ONE

[04 Marks]

1. Write a note on CRM
2. Write a note on SMART

B. Solve any ONE

[03 Marks]

1. What are Thin Clients?
2. What is Benchmarking?
