

Subject: Green Computing ^{G.C.} 14.3.20

FY.BSC(IT)(Sem II) (2.5 hr)

Note: All the questions are compulsory.

75 Marks



(1) Answer any three of the following:

(15)

- i. Explain carbon foot printing?
- ii. What is toxin? How can it spoil the environment?
- iii. Explain about WEEE.
- iv. What is mean by RoHS? Explain.
- v. What is Power Consumption in terms of green computing?
- vi. Explain BAN?

(2) Answer any three of the following:

(15)

- i. What is meant by virtualization?
- ii. Explain about Cable Management.
- iii. Write a short note on demand cooling system.
- iv. What is the Cooling Cost?
- v. What is economizer? Explain it in brief with respect to green computing.
- vi. How the power monitoring software helps to reduce power consumption?

(3) Answer any three of the following:

(15)

- i. What are the steps taken to reduce Energy Consumption?
- ii. Writes as short note on PDA.
- iii. How does the usage of paper effect the organisation?
- iv. Write the Steps of recycling the energy.
- v. Explain the benefits of water recycling?
- vi. What is pollutant? Explain its different types.

(4) Answer any three of the following:

(15)

- i. Explain benefits of Paperless office?
- ii. What are the different ways to clean a hard drive?
- iii. Explain about EPEAT Certification program.
- iv. Write a short note on checklist and certification for recycling.
- v. What do you mean by green design?
- vi. What are the problems related to e-waste?

(5) Answer any three of the following:

(15)

- i. Write a short note on Swap.
- ii. What is meant by smart goals?
- iii. Write a short note on green chief officer.
- iv. Explain various benefits of certifications in green computing
- v. Write a short note on evolution in staying green
- vi. Name some helpful organisations tht are helping to achive green goals