

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION : DECEMBER - 2024/JANUARY-2025
SEMESTER - II

Sub : Green Computing (MSC-203-22)

Date : 02/01/2025

Total Marks : 30

Time: 10.00 am to 11.30 pm

Instruction:

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagram wherever necessary.

Q. 1. Answer the following in short. (Any 4) (20)

- 1 Write short note on Green Hardware: Life Cycle of a Device or Hardware
- 2 What do you understand by Use, Reuse, Recycle and Dispose
- 3 List down benefits of Energy-Efficient Networks
- 4 What are the Environmental Impacts of IT
- 5 Why Should You Go Green?
- 6 Write short note on “Green Network Communications and Management”.

Q. 2. Answer the following in detail. (Any 1) (10)

1. Write in details about Green Data Centre Metrics: PUE and DCiE
2. Explain in details Social Movements and Greenpeace.
