

**TILAK MAHARASHTRA VIDYAPEETH, PUNE**  
**MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS**  
**EXAMINATION : MAY - 2024**  
**SEMESTER - II**

**Sub : Green Computing (MSC- 203-22)**

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**Date : 24/05/2024**

**Total Marks : 30**

**Time: 10.00 am to 11.30 am**

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***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.*

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

- 1 Explain sustainable development.
- 2 Describe solid state drive.
- 3 Define green storage and its advantages.
- 4 Explain green devices.
- 5 Describe five stages of device life cycle.
- 6 How does cloud computing relate to green computing?

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

1. How can green computing be implemented in small and medium-sized enterprises?  
Describe in detail.
2. Describe the Challenge of Next-Generation Networks.

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