**S.Y. B.SC (COMPUTER SCIENCE) – SEM-III**

**SUB: GREEN TECHNOLOGIES**

**PUNE VIDHYARTHI GRIHA’S**

**COLLEGE OF SCIENCE & TECHNOLOGY**

**Q.P CODE: USCS3072 (TIME:2 ½ Hrs.) TOTAL MARKS:75**

**N.B: -**

1. **All questions are compulsory.**
2. **Answers to the same question must be written together.**
3. **Numbers to the right indicate full marks.**
4. **Draw neat, labeled diagrams wherever necessary.**
5. **Use of Non-programmable calculators is allowed.**

# Q1) Attempt the following (ANY FOUR) (Each of 5 marks) [20M]

1. Write a short note on environmental intelligence.
2. What is strategic alignment? Write down its types.
3. List and Explain types of hardware assets.
4. What are the types of assets and their impact on the environment?
5. Write a short note on Data Centre Buildings (design, layout, and location).
6. What is mobility and environment? Write its advantages and challenges to the environment.

# Q2) Attempt the following (ANY FOUR) (Each of 5 marks) [20M]

1. List and explain green cloud storage services.
2. What is Green BPM?
3. Write a short note on GEA (Green Enterprise Architecture)
4. Write a short note on EI.
5. explain the Evolving complexities of EI.
6. Write a short note on Green Business Analysis.

# Q3) Attempt the following (ANY FOUR) (Each of 5 marks) [20M]

1. Explain the features of GIS.
2. Explain Green IT project channels of communication with a diagram.
3. Explain the role-based view of Green IT.
4. Explain 1) the Green organizational portal (GOP) 2) the Regulatory Standards portal (RSP)
5. Advantages and Disadvantages of green computing.
6. Write a short note on SaaS.

# Q4) Attempt the Following (Any Five) (Each of 3 Marks) [15M]

1. Explain the steps involved in developing ERBS.
2. Explain the Regulatory Standards portal (RSP).
3. Write a short note on Green Business Analysis.
4. Explain GISCM and its Advantages.
5. Write a short note on EI and explain the Evolving complexities of EI.
6. How does IT relate to business? How do these close relationships between IT and business impact the environment?