



**SHRI S.H.KELKAR COLLEGE OF ARTS, COMMERCE AND SCIENCE,  
DEVGAD (SINDHUDURG)**

**SEMESTER II, March 2023**

**FYIT**

**SUBJECT: Green Computing**

**CLASS: FYIT**

**TIME: 8:30 to 11:00**

**DURATION: 2 - 1/2Hrs.**

**SUBJECT CODE: USIT102**

**MAX.MARKS: 75**

**Paper / Python Programming**

**(2½ Hours) [Total Marks: 75]**

**N. B.: (1) All questions are compulsory.**

**(2) Make suitable assumptions wherever necessary and state the assumptions made.**

**(3) Answers to the same question must be written together.**

**(4) Numbers to the right indicate marks.**

**(5) Draw neat labeled diagrams wherever necessary.**

**(6) Use of Non-programmable calculators is allowed.**

**1. Attempt any three of the following:**

**15**

1. What is e-waste explain various toxins generated from e-waste
2. How to reduce power consumption in the organization
3. How to measure carbon footprint of organization
4. Write a short note on various ways to reduce cost
5. What are the tasks of the STEP program
6. What is meant by equipment disposal

**2. Attempt any three of the following:**

**15**

1. What is STEP
2. Detail concept of virtualization
3. Explain on demand costing
4. Explain term data deduplication
5. What are the various power problems faced in industry currently
6. List out various types of wireless devices

**3. Attempt any three of the following:**

**15**

1. Write down advantages and disadvantages of green computing
2. What are the goals of green computing
3. What is power consumption explain in detail
4. Write a short note on recycling
5. Write a short note on reuses
6. What is a HP solution



**4. Attempt any three of the following:**

**15**

1. Write a short note on redesigning
2. Explain term cordless to grave
3. What is a power uses effectiveness data centre efficiency
4. Explain process reengineering
5. What is a cloud computing
6. Explain saas and mention its characteristics

**5. Attempt any three of the following:**

**15**

1. What are cool down device that generated heat
2. Short note on DVD's And CD's
3. How to technology harm environment
4. Explain server client
5. What is networking
6. Explain term data security