

DURATION: - 2½ hrs

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Note: - (1) All questions are compulsory.
 (2) Figures to the right indicate full marks
 (3) Answer to each question must be on a new page

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| Q.1) Attempt the following (Any 3) | 15M |
| 1) What are the advantages and disadvantages of PEST (ELI) analysis? | CO1-R |
| 2) Explain context sensitivity and automation in Green IT. | CO1-U |
| 3) What is environmental management in Green IT? Explain its advantages. | CO1-U |
| 4) What do you mean by Green data centres? | CO1-R |
| 5) Explain Business Ecosystem and its types. | CO1-U |
| 6) Explain Green Corporations based on green policies, practices and metrics. | CO1-U |
| Q.2) Attempt the following (Any 3) | 15M |
| 1) What is virtualization? State and explain its types. | CO2-R |
| 2) What are the components of SOA? | CO2-R |
| 3) What are the phases of Green Process? | CO2-R |
| 4) Explain cloud categories based on service models. | CO2-U |
| 5) Explain green IT governance. | CO2-U |
| 6) Why QOS is important? | CO2-R |
| Q.3) Attempt the following (Any 3) | 15M |
| 1) What are the features and uses of Green Information System (GIS)? | CO3-R |
| 2) Explain Green IT ethics and code of conduct. | CO3-U |
| 3) Explain green audits and its types. | CO3-U |
| 4) Explain any five Green ICT and technology trends. | CO3-U |
| 5) What is green washing? | CO3-R |
| 6) Explain cloud computing in detail. | CO3-U |
| Q.4) Attempt the following (Any 3) | 15M |
| 1) Explain what are Green Assets. | CO4-U |
| 2) What are the challenges of low carbon economy? | CO4-R |
| 3) What are the benefits of cloud computing? | CO4-R |
| 4) Explain digital library. | CO4-U |
| 5) Explain evolving green HR with diagram. | CO4-U |
| 6) Explain virtual reality and augmented reality. | CO4-U |
