

S.No. : 195

MCA 2306

No. of Printed Pages : 03

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 21206

Roll
No.

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MCA Examination 2018-19

(Third Semester)

ENVIRONMENTAL ISSUES OF IT AND GREEN COMPUTING

Time : Three Hours]

[Maximum Marks : 60

Note :- Attempt all questions.

SECTION - A

1. Attempt all parts of the following : $8 \times 1 = 8$
- What is the basic concept of Green Computing?
 - How much tree will be used for making 1kg of paper sheet?
 - Write the name of hazardous material use in electronic devices.
 - What is Refurbished?

[P. T. O.

- (e) Justify that e-commerce websites support green computing or not.
- (f) What is the full form of C. R. T. monitor?
- (g) What is the full form of W. E. E. E.?
- (h) What is Data Center?

SECTION – B

2. Attempt any two parts of the following : $2 \times 6 = 12$
- (a) How many type of energy waste in I. T. and how you will prevents all type of energy wastes?
 - (b) How many legal mandates for Green I. T. in India?
 - (c) What is virtualization and describe the types of virtualization?
 - (d) What is Waste Management?

SECTION – C

Note :- Attempt all questions from this section.

3. Attempt any two parts of the following : $5 \times 2 = 10$
- (a) Explain WEEE health and safety implication.
 - (b) What is R₀HS directive and where it use?
 - (c) Give brief detail about 80 pluse program.

4. Attempt any two parts of the following : $5 \times 2 = 10$
- (a) What do you understand for carbon foot print?
 - (b) What is document management? Describe with example.
 - (c) How to reduce cooling costs from electronic devices.
5. Attempt any two parts of the following : $5 \times 2 = 10$
- (a) What is EPEAT?
 - (b) What stand for energy star?
 - (c) How many types of action taken by government to promote green computing?
6. Attempt any two parts of the following : $5 \times 2 = 10$
- (a) Write the short notes on different type of recycling of e-waste.
 - (b) How I. T. resources make impact on global environment?
 - (c) What is the seven waste and describe also gree supply chain management?

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