



DEPARTMENT OF ELECTRONICS & COMMUNICATION

"T3 Examination, May-2018"

Semester:IV

Subject: E-Waste Management

Branch: ECE/ME/Chem/Maths/Physics

Course Type: Core

Time: 1.5 Hours

Max.Marks: 40

Date of Exam: 24/05/2018

Subject Code: ECS 249

Session: II

Course Nature: Soft

Program: B.Tech

Signature: HOD/Associate HOD:

Note: All questions are compulsory from part A (2X4=8 marks). Attempt any 2 questions from part B (8 marks each). Attempt any 2 questions from part C (8 marks each).

Part A

- Q1: (a) List the methods of composition of E-waste. (2)
(b) What are possible hazardous substances present in e-waste? (2)
(c) What is the full form RoHS and REACH. (2)
(d) What is the treatment facility of E-waste recycling? (2)

Part B

- Q2: What are the impacts of E-waste generation in India? (8)
Q3: Write the roles & responsibilities of different stakeholders to produce, manufacturer and consumer in terms of E-waste. (8)
Q4: What are the methods for proposed reduction in the use of hazardous substances? (8)

Part C

- Q5: What are the historic methods of E- waste disposal? (8)
Q6: Write down the case study on unique initiatives from around the world on E-waste. (8)
Q7: Write a short note on Sound E- waste management. (8)