Ministry of Higher Education and
Scientific Research
University of Technology
Computer Sciences Department

Final (1st Trial) 2015-2016

Date: **29**/5 /2016
Time: 3 hours
Lecturer: **Asst. Prof. Dr. Hanaa M. A. Salman**

Subject: **Information Hiding**
Class: 4th
Branch: **Security**

Choose only four questions

Q1: There are many fingerprinting schemes, such as asymmetric fingerprinting. Highlight asymmetric fingerprinting. (15 marks)

Q2: Sketch the generic block diagram for the watermark recovery process with description to the input and output. (15 marks)

Q3: There are many of means to attack the water marking list them, and list the general method to attack steganography. (15 marks)

Q4: Generally, there are two ways to encode information in a palette-based image, list them. (15 marks)

Q5: Give an application example to steganography, illustrate embedding and extraction algorithm. (15 marks)

Good Luck

Branch Head Signature: **Lecturer Signature:**