

Roll No.

23565

**M. Tech 2nd Semester (Cyber Forensics
and Information Security)
Examination – May, 2018**

MULTIMEDIA SECURITY

Paper : MTCF-207

Time : Three Hours]

[Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt *five* questions in all, selecting *one* from each Unit. Question No. 1 is *compulsory*.

1. Explain the following : **20**

- (i) Error correcting Code
- (ii) Image Watermarking
- (iii) Watermarking protocol
- (iv) Forgery

23565- 100 -(P-3)(Q-9)(18)

P. T. O.

UNIT – IV

8. Describe the following : 20
(i) Forgeries Detection
(ii) Multimedia encryption
9. Explain the following : 20
(i) Multimedia Processing in the encryption Domain
(ii) Cryptography
-

UNIT – I

2. (i) How to design a Good digital water mark. 10
Explain.
(ii) Describe the different Models of Water marking. 10
3. Explain the following : 20
(i) Affine-Resistant Watermarking
(ii) BLock DCT-Doman Watermarking

UNIT – II

4. Describe the following : 20
(i) Watermarking for CG-Models
(ii) Video water marking.
5. Describe in detail about Data Hiding through watermarking Techniques. 20

UNIT – III

6. Give a complete description about digital water marking protocols. 20
7. Explain the following : 20
(i) Protocols for Secure Computation
(ii) Extensions of water marking protocols