

LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.Sc. DEGREE EXAMINATION – VISUAL COMMUNICATION

FIRST SEMESTER – NOVEMBER 2019

PVC 1502/18PVC1MC02 – MEDIA TECHNOLOGIES

Date: 01-11-2019

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

PART – A

Briefly answers **ALL** the following questions in about 50 words each. **(10 X 2 = 20)**

1. Digitization
2. Photo sensitivity
3. MODEM
4. Video wall
5. Inductance
6. Impedence
7. Electromagnetic wave
8. CODEC
9. Multiplexing
10. Condensor

PART – B

Answer **ANY FIVE** of the following in about 200 words each.

(5 X 8 = 40)

11. Explain the process of spectrum allocation in India.
12. Describe about Radio transmission process.
13. Explain the mechanism of DSLR camera.
14. Describe the various types of cables and connectors.
15. What is WiMax technology ? Explain.
16. Write about CDMA, FDMA, and TDMA.
17. How does the LCD display mechanism works?

PART – C

Write essay on **ANY TWO** of the following in about 400 words each.

(2 X 20 = 40)

18. Explain the functions of transistors.
19. Discuss the challenges in satellite communication.
20. How does image processor work? Explain with diagram.
21. Explain the functions and use of semiconductors.
