



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

**M.Sc.DEGREE EXAMINATION – VISUAL COMMUNICATION**

FIRSTSEMESTER – APRIL 2018

**17PVC1MC02- MEDIA TECHNOLOGIES**

Date: 02-05-2018  
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

**PART-A**

**Answer ALL the following in 50 words**

**10 x 2 = 20**

1. Laggards
2. Noise
3. Frequency
4. Flash memory
5. Uplink
6. DRM
7. CAS
8. Streaming
9. Codec
10. Transponders

**PART-B**

**Answer any FIVE questions in 200 words**

**5 x 8 = 40**

11. Enumerate the properties of sound waves.
12. Describe Radio Propagation.
13. What are the differences between LCD and CRT display?
14. Explain the process of video digitization techniques.
15. What is spectrum allocation? Explain.
16. Describe the functions of TRAI.
17. What is cloud computing? Explain.

**PART-C**

**Answer any TWO of the following in 400 words**

**2 x 20 = 40**

18. Explain the satellite communication technique with suitable diagrams.
19. Write an essay on innovation diffusion.
20. Elucidate the CMOS technology in DSLR camera.
21. Explain the mobile communication system.