



विश्वजीवनमृतं ज्ञानम्

# Atal Bihari Vajpayee Indian Institute of Information Technology & Management, Gwalior

## IT009: Digital Watermarking

Minor Examination (Session 2023–24)

**Maximum Time: 1 Hour**

**Max Marks: 20**

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*Note: Answer all questions. Diagrams and examples are encouraged.*

1. Define digital watermarking. Explain its significance in copyright protection. (4 Marks)
2. Differentiate between visible and invisible watermarking techniques with examples. (4 Marks)
3. Explain the spatial domain watermarking technique using the Least Significant Bit (LSB) method. (4 Marks)
4. What are the evaluation parameters for measuring robustness of watermarking schemes? (4 Marks)
5. Write short notes on: (a) Applications of watermarking (b) Steganography vs. Watermarking (4 Marks)