

(10 Marks)

Module-5

- What are nanosensors? Explain nanoscale organization using template method. 9 a. (05 Marks) (05 Marks)
 - Write a note on Nano Biosensors. b.
 - Discuss the concept of Electronic Nose developed using Nano sensors and Basic sensor c. device. (10 Marks)

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With a necessary diagram explain injection laser. 10 a.

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Write a note on Optical Memories and Quantum Cascade Lasers. b. (10 Marks)