

# Question Paper

Exam Date & Time: 24-Apr-2024 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal School of Information Sciences (MSIS), Manipal  
Second Semester Master of Engineering - ME (Cyber Security) Degree Examination - April / May 2024  
Ethical Hacking - II [CYS 5201]

Marks: 100

Duration: 180 mins.

Wednesday, April 24, 2024

Answer all the questions.

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|-----|---|------|
| 1)  | Describe different wireless threats and attack (L2, CO1, PO1)             | (10) |
| 2)  | Illustrate wireless hacking methodologies (L2, CO1, PO4)                  | (10) |
| 3)  | Briefly discuss the Bluetooth hacking countermeasures (L2, CO1, PO1)      | (10) |
| 4)  | Explain Mobile platform attack vectors (L2, CO2, PO1)                     | (10) |
| 5)  | Briefly explain Mobile Device Security guidelines (L3, CO2, PO4)          | (10) |
| 6)  | Explain generic block diagram of IoT device (L2, CO3, PO3)                | (10) |
| 7)  | Explain different IOT levels (L2, CO3, PO4)                               | (10) |
| 8)  | Describe hardware hacking, dumping, and analyzing firmware (L2, CO3, PO4) | (10) |
| 9)  | Briefly discuss cloud computing attacks (L2, CO4, PO3)                    | (10) |
| 10) | Explain Kubernetes (L2, CO5, PO3)   | (10) |

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