

Government College of Engineering, Aurangabad
(An Autonomous Institute of Government of Maharashtra)

B.E.(IT) FT Rev Examination
End semester Examination Nov 2016

IT-444:CYBER SECURITY (EL-III)

12 NOV 2016

Time: Three Hours

Max. Marks. 60

"Verify the course code and check whether you have got the correct question paper"

N.B:-

1. All questions are compulsory
2. Figures to the right indicates full marks
3. Assume suitable data if necessary and state it clearly
4. Use of non-programmable calculator is allowed

- Q1.** i) Explain how botnets can be used as a fuel to cybercrime? [6]
ii) Discuss the term cybercrime and information security. Also define who are the cybercriminals? [6]
- Q2. Attempt any two**
- i) Explain types and techniques of credit card frauds in mobile and wireless devices. [6]
ii) How Bluetooth hacking works? Explain its various types. [6]
iii) Illustrate the different security implications of mobile device for an organization. [6]
- Q3. Attempt any two**
- i) Define phishing and its working? [6]
ii) Explain DoS attacks and levels of DoS attacks? [6]
iii) Define blind SQL injection attack. Can it be prevented? [6]
- Q4. Attempt any two**
- i) Illustrate the rules of Evidence in cyber forensics? [6]
ii) Explain phases in digital forensics. [6]
iii) How data mining is used in cyber forensics. Explain? [6]
- Q5.** i) What are the control functions that blackberry has? [6]
How does it help a forensics investigator?
ii) Explain forensics of iPods and Digital music Devices? [6]