

[Time:2.30 Hrs]

[Marks:75]

**N.B: 1. All question are compulsory.
2. Figures to the right indicate full marks.**

Q.1 Attempt any four of the following:

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- A.** What is computer forensics?
- B.** What is incident verification?
- C.** What is network forensics?
- D.** How is network traffic tracked?
- E.** What are challenges in mobile forensics?
- F.** What does "order of volatility" mean?

Q.2 Attempt any four of the following:

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- A.** What is internet forensics?
- B.** Name two common threats on the World Wide Web.
- C.** What is the role of metadata in email forensics?
- D.** What is phishing and how is it investigated?
- E.** How is Yahoo Messenger data recovered?
- F.** What is browser forensics?

Q.3 Attempt any four of the following:

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- A.** What is the first step in a digital forensic investigation?
- B.** Why is authorization important before collecting evidence?
- C.** What is the process of evidence acquisition?
- D.** What is Section 66 of the IT Act?
- E.** What is the Information Technology Act, 2000?
- F.** How does the IT Act deal with hacking?

Q.4 Attempt any tree of the following:

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- A.** What is the role of data compression?
 - B.** What are automated search techniques?
 - C.** Name one tool used for analysing emails.
 - D.** What laws apply to email crimes?
 - E.** What is meant by admissibility of evidence?
 - F.** Why must digital evidence meet legal standards?
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