



Electronics Engineering Students' Association

(ELESA)

Presents

# ELECTROVERT 2018

The Performers' creed



Name of the Event: **Recruit (Analyst)**  
Candidate's Code:

Date: 09/09/2018  
Time: 10 min

## Instructions

1. Write ID on the Top.
2. Time allotted: 15 min.
3. No negative marking.

- 1) Does database forensic include in Digital Forensic application.
  - A. True
  - B. False
- 2) Which of the following is NOT focus of digital forensic analysis?
  - A. Authenticity
  - B. Comparison
  - C. Proving
  - D. Enhancement
- 3) Which of the following represents the step of scientific method
  - I. Develop hypothesis based on evidence
  - II. Calculate hash value of evidence
  - III. Test the hypothesis to look for additional evidence
  - IV. Make an imaging of the original evidence
  - A. All above
  - B. I and II
  - C. II and IV
  - D. II, III and IV
- 4) What is the Primary Objectives of Digital Forensic for Business and Industry?
  - A. Availability of service
  - B. Continuity of operation
  - C. Prosecution
  - D. Security
- 5) Which of the following hold the highest value of evidence in the court?
  - A. Documentary
  - B. Demonstrative
  - C. Testimonial
  - D. Real

6) If you needed to encrypt and compress data for transmission, which would you do first and why?

Answer:

7) What part of a cloud implementation provides the virtual servers with access to resources?

- A. Hypervisor
- B. Resource monitor
- C. Resource auditor
- D. Virtual Manager

8) If a police officer locks a door so that a suspect cannot access his (the suspect's) own computer, without a warrant, what would be the most likely outcome?

- A. The evidence will be excluded because the officer seized it without a warrant.
- B. The evidence will be excluded because it does not meet the Daubert standard.
- C. The evidence will be admitted; this is not a warrantless seizure.
- D. The evidence will be admitted; the officer acted in good faith.

9) What is Digital Forensic?

- A. Process of using scientific knowledge in analysis and presentation of evidence in court
- B. The application of computer science and investigative procedures for a legal purpose involving the analysis of digital evidence after proper search authority, chain of custody, validation with mathematics, use of validated tools, repeatability, reporting, and possible expert presentation
- C. A process where we develop and test hypotheses that answer questions about digital events
- D. Use of science or technology in the investigation and establishment of the facts or evidence in a court of law

10) What is data carving?

Answer: